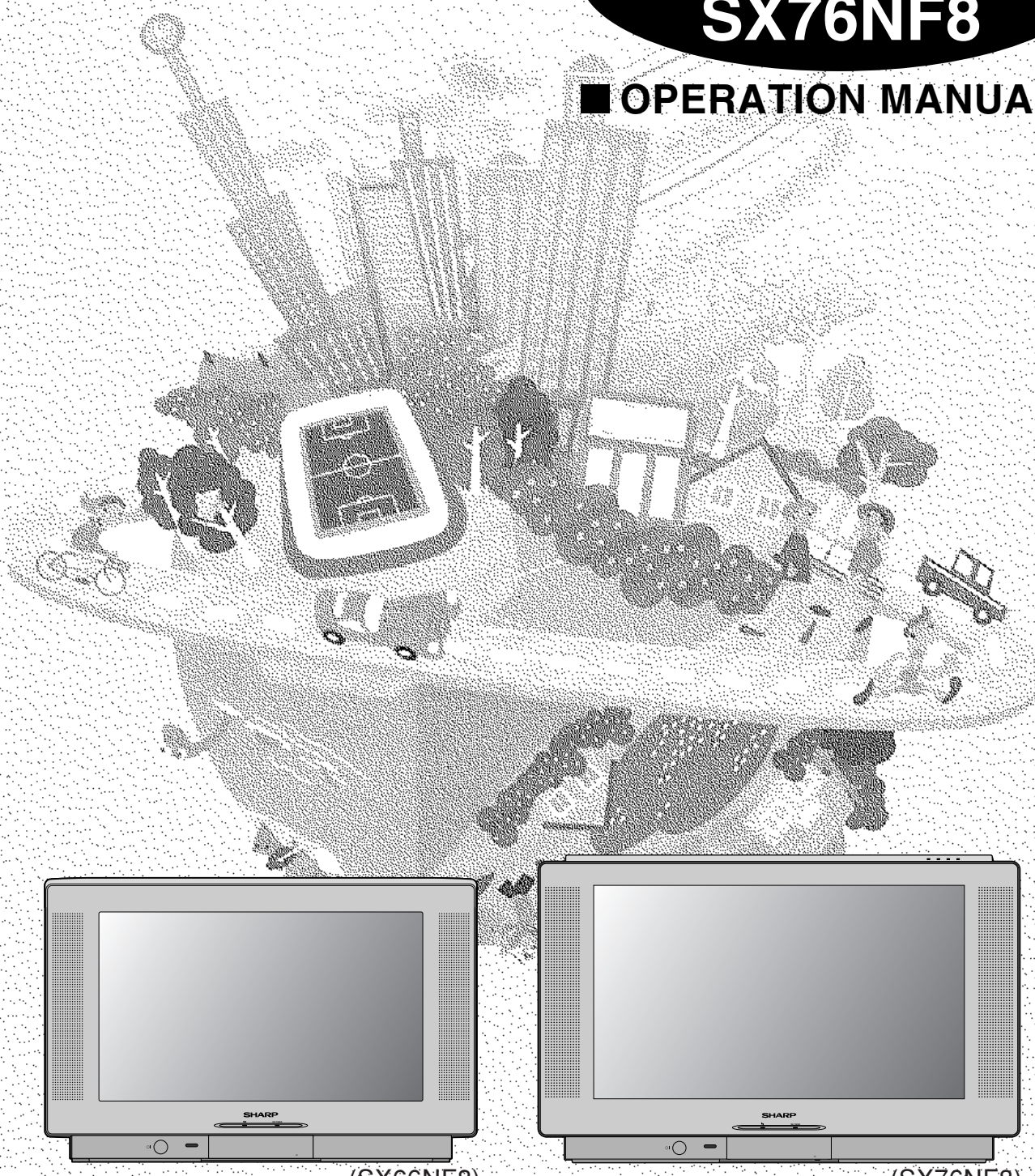
SHARP®

COLOUR TELEVISION

MODEL

SX66NF8
SX76NF8

■ OPERATION MANUAL ■



(SX66NF8)

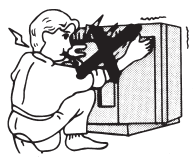
(SX76NF8)

Please read this operation manual carefully before using the colour television.

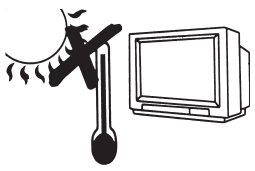
Safety Precautions

This equipment complies with the requirements of Directives 89/336/EEC and 73/23/EEC as amended by 93/68/EEC.

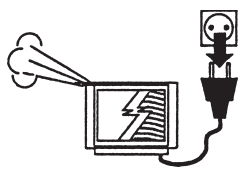
To prevent fire or electrical shock, do not use the TV set in an excessively damp place.



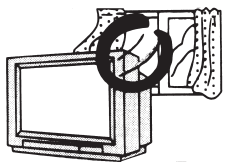
Never remove the back of the cabinet, as there is high voltage in the TV set.
Please call for service.



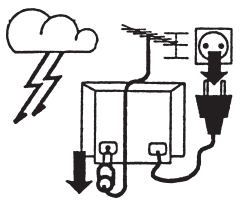
Position the TV set out of direct sunlight and away from heat, as high temperatures can damage the cabinet, CRT, or other electronic parts.



Unplug the power cord from the wall outlet immediately if the TV set begins to make unusual noises or give off smoke or an odd smell, then call your dealer for service.

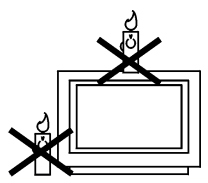


Do not cover the ventilation holes at the back of the TV set, this can cause fire or other serious problems. Leave an adequate open space behind the TV set for good ventilation.



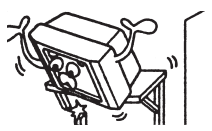
Always disconnect your television from the mains and the aerial cable during thunderstorms.
Even if your television is switched off, it can still be damaged by lightning striking the mains and/or aerial cable.

Do not install this equipment in a confined space such as a bookcase or a built-in cabinet.

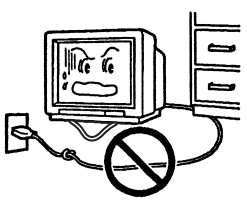


To prevent fire, never place any type of candle or naked flames on the top or near the TV set.

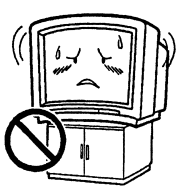
Television equipment and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the equipment and cart combination to overturn.



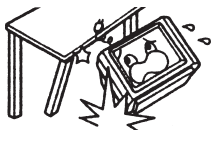
Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.



To prevent electrical shock, do not subject the AC power cord to damage by bending or twisting it, or by placing heavy items on top of it and do not place the AC power cord under the TV set. If the AC power cord becomes damaged, unplug it from the wall outlet immediately and call your dealer for service.



Do place the TV set onto an even stand, table or track which size is bigger than the TV set.
If the TV set is put onto a smaller size or uneven stand, table or track may cause the TV cabinet distort. Do not put or insert anything between TV set and the stand, table or track.



Do not place this television equipment on an unstable cart, stand or table. The television equipment may fall, causing serious injury to a child or an adult, and serious damage to the equipment.
Use only with a cart or stand recommended by the manufacturer, or sold with the television equipment.

The picture tube of your TV has a special coating. Do not knock or rub on the tube face with sharp or hard surfaces, otherwise you will damage the coating.
To prevent damaging the surface of the television screen, remove finger prints only with a soft cloth dampened with glass cleaner. Do not use any abrasive cleaners.
Do not use thinner, benzene or other strong chemical cleaners.

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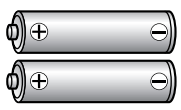
Dear SHARP Customer

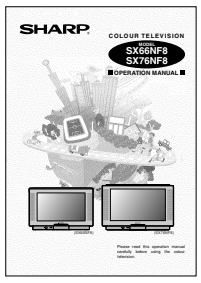
Congratulations! You are now the proud owner of a SHARP Colour Television Receiver. To ensure proper operation, please read this manual carefully. After reading, keep this manual in a safe place for future reference.

Accessories

Remote control



R-6 (“AA”Size) dry batteries

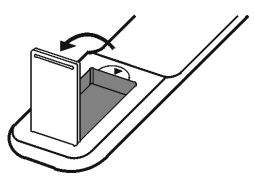


Operation manual

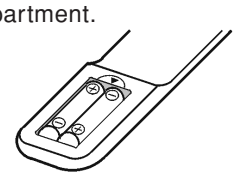
Remote Control Battery Installation

Before using the TV set for the first time, install the supplied dry batteries in the remote control.

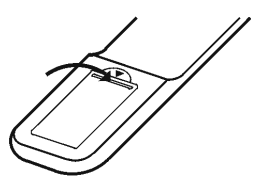
1 With your thumb nail, pull up the slit as indicated by the arrow to remove the battery cover.



2 Insert two batteries 1.5 V (R-6, “AA” size). Be sure to match the battery ⊕/⊖ terminals with the ⊕/⊖ marks inside the compartment.



3 Replace the battery cover.



NOTE
- Remove batteries if weak or if the unit is not in use for long periods.
- Do not mix old and new batteries.
- Incorrect installation of the batteries may damage the remote control.

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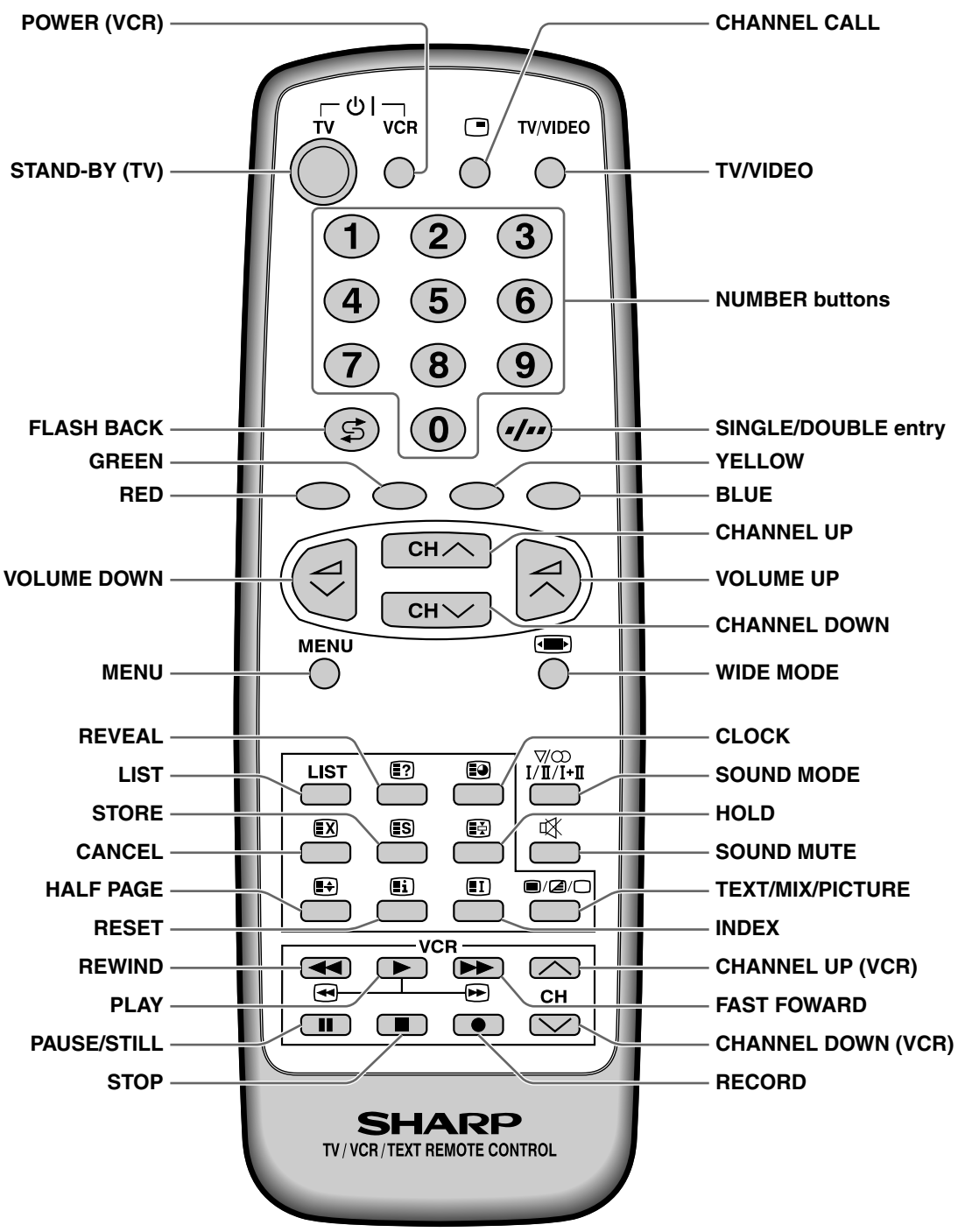
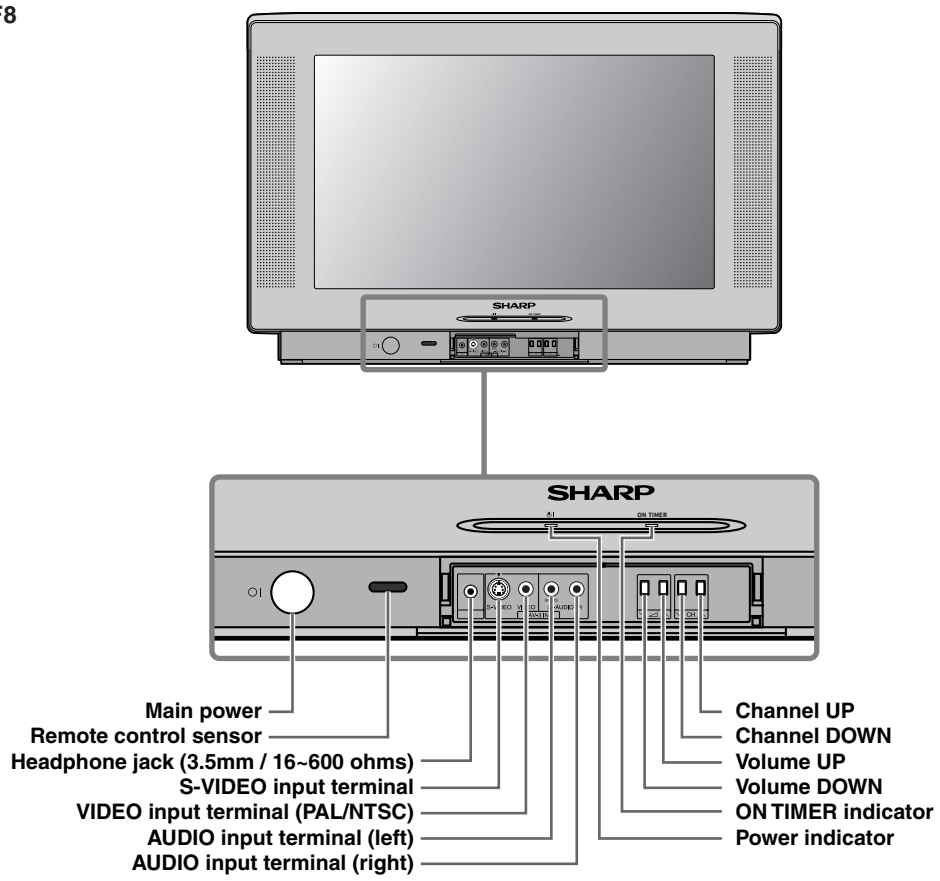
Remote Control



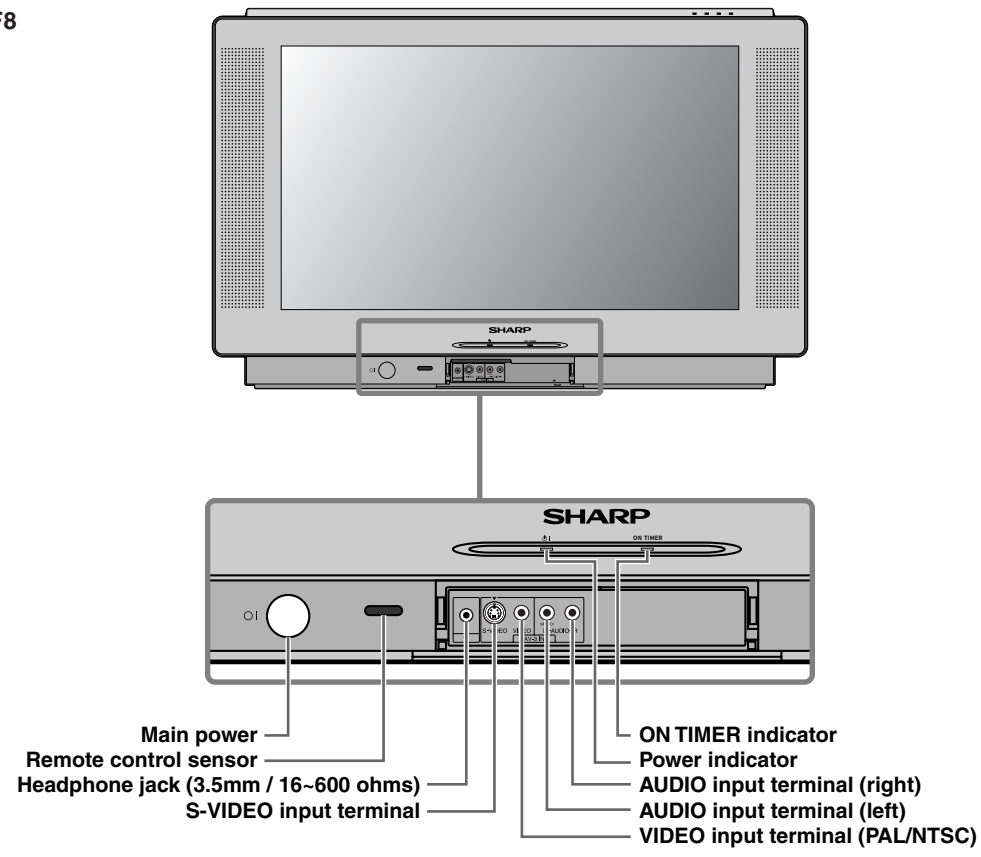
Controls & Terminals

FRONT TV

SX66NF8



SX76NF8



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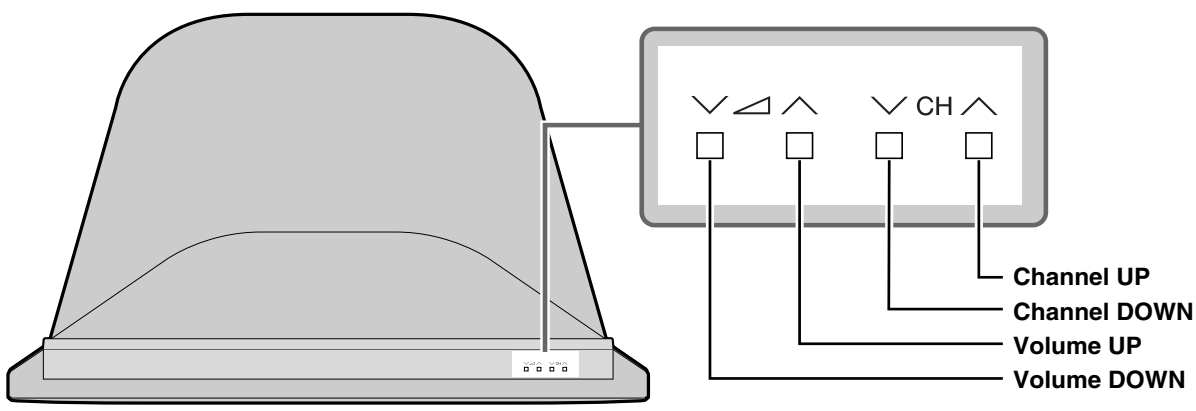
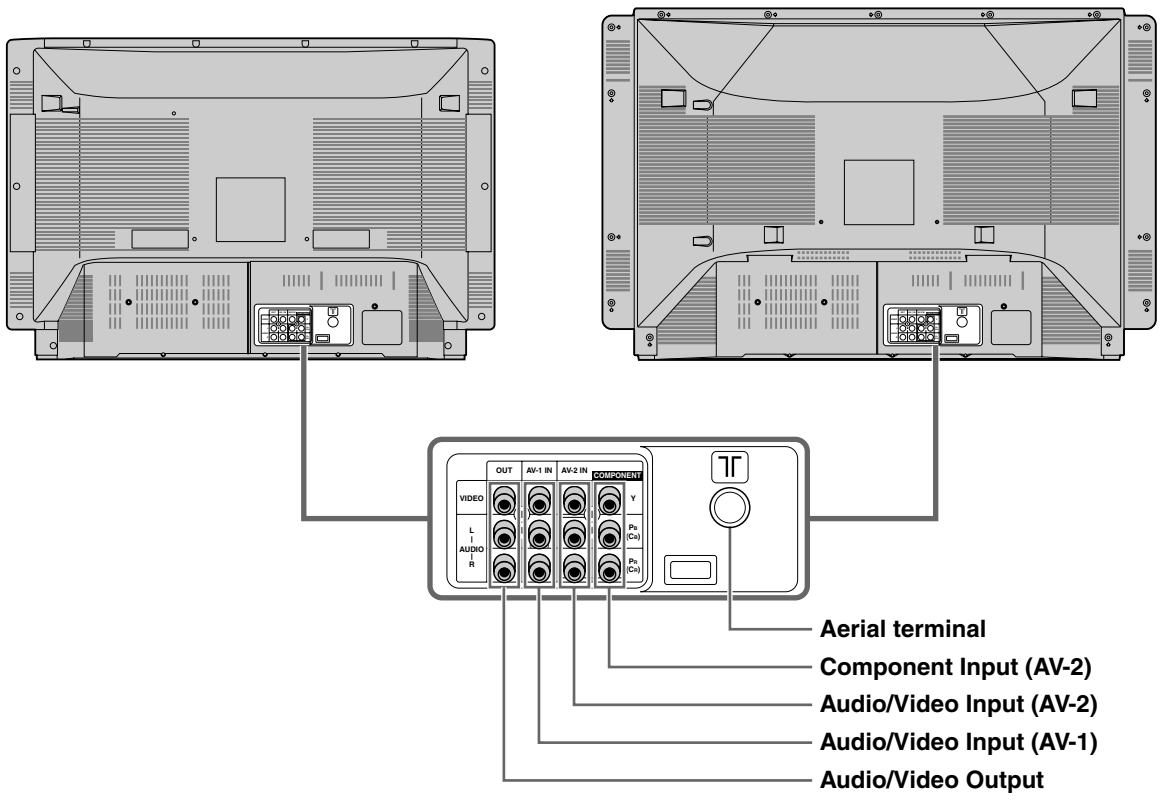
TOP TV

SX76NF8



REAR TV

SX66NF8/SX76NF8



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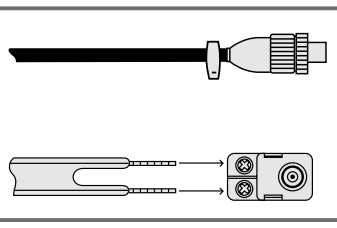
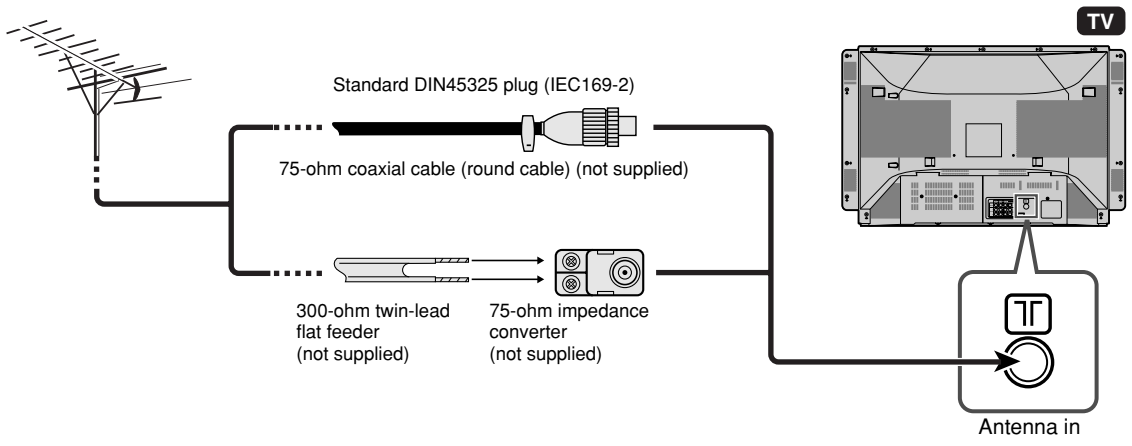
Aerial Connections - TV set only -

To enjoy a clearer picture, we recommend that you use an outdoor antenna. The following is a brief explanation of the types antenna connections:



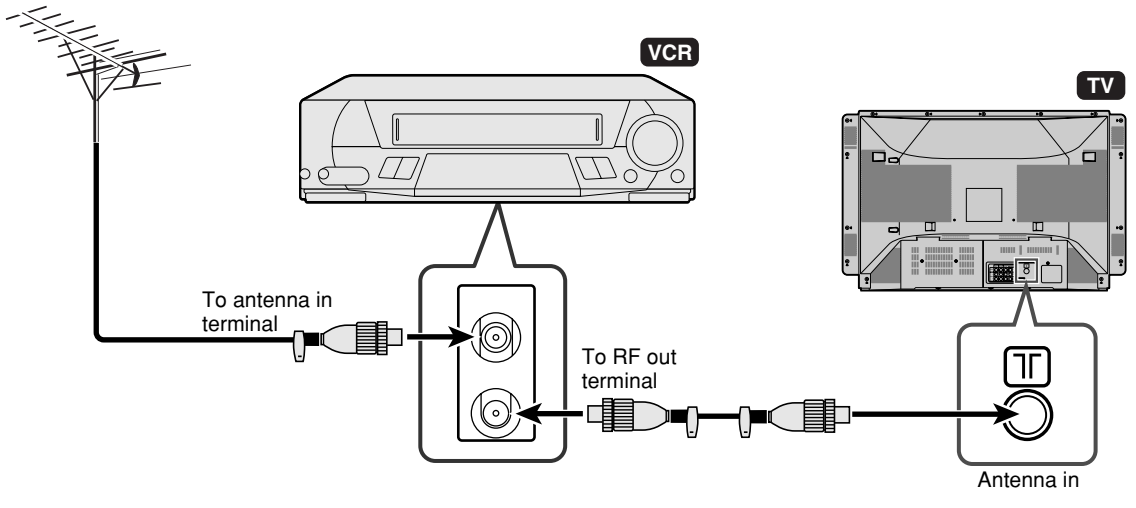
(1) 75-OHM COAXIAL CABLE:
Connect the cable from the antenna to a standard DIN45325 plug (IEC 169-2) and plug directly into the antenna socket on the rear of the TV set.

(2) 300-OHM RIBBON CABLE:
Connect the cable from the antenna to a balun (Balanced Transformer) and plug directly into the antenna socket on the rear of the TV set.



Aerial Connections - VCR and TV -

You can also connect the TV set to the tuner on a VCR using the connection shown below.



NOTE

- Remove the power cord from the electrical outlet before connecting the antenna to the rear of the TV set.
- When using the RF terminal connection, set the TV to channel zero to make initial adjustments for the VCR.
- Turn off the power on the TV set and the VCR being connected before making the above connections. Be sure the cord plugs are fully inserted in the connection terminals.
- See the operation manual of your VCR for connection details.

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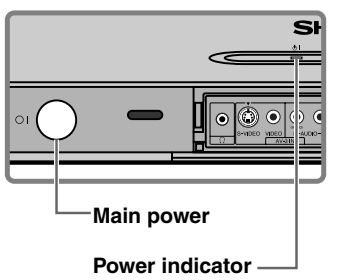
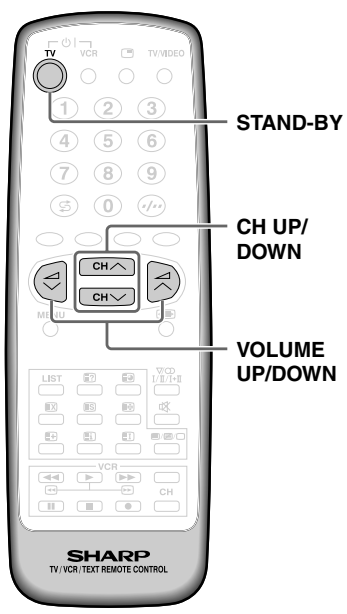
Switching on

TV Set





Main power

This TV memorizes the Mode last used when it was switched off. When the **MAIN POWER** is pressed to turn on the set, the Power indicator will light and the set will resume in either the Stand-by mode or Programme mode, depending upon its condition when it was switched off.

Stand-by

When the TV is in Stand-by mode, to turn on the TV press **STAND-BY button** (⏻ I TV) on the remote control, or one of the four buttons on the TV (∨◿∧, ∨CH∧). The TV will change from Stand-by mode to Programme mode, the Power indicator will turn green from red and an image will appear on the screen. Press **STAND-BY button** (⏻ I TV) again and the TV will return to Stand-by mode.

Blue background off timer

If weak signal conditions in TV or VCR mode, the screen will turn blue.
The blue background off-timer is then engaged, unless a good signal is received, the set will automatically switch to Stand-by mode after
15 minutes.

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Menu Structures

This TV set has a MAIN menu with four basic menus, which permit access to the different functions of the TV.

These menus are as indicated below.

By pressing MENU :

Main menu	Button	Menu	Functions / Options	
	RED	PICTURE ADJUSTMENTS	CONTRAST COLOUR BRIGHTNESS SHARPNESS NORMALISE TINT CONTROL ECO MODE COMB FILTER NTSC HUE ROTATION	
	GREEN	AUDIO ADJUSTMENTS	LOUDSPEAKERS	HEADPHONES
			VOLUME BASS TREBLE BALANCE NORMALISE LOUDSPEAKERS (MODE) EFFECTS SOUND IDENT. DYNAMIC BASS. A.V.C	VOLUME BASS TREBLE BALANCE NORMALISE HEADPHONES (MODE) SOUND IDENT.
	YELLOW	OTHER FUNCTIONS	LANGUAGE ON TIMER: TIME / SWITCH ON OFF TIMER: OFF / 120 Min. / 90 Min. / 60 Min. / 30 Min. DEMO CHILD LOCK: LOCK ALL / LOCK PROGRAMME / CLEAR LOCK	
	BLUE	INSTALL AND TUNE	CHANNEL: CH (Aerial) / CC (Cable) SEARCH (Frequency Tuning) FINE TUNE MODE: TV / VCR / SKIP EDIT: Edit this program / Go to sorting mode / Delete this program/ Exit this menu AUTO-TUNE	

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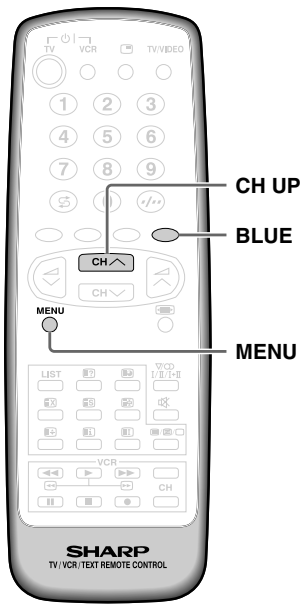
TV Channel Setting



Auto Channel Preset with Sorting

This function frees you of troublesome channel presetting procedures. Simply follow the instructions below to automatically store all on-air and cable real channels into the programme channel memories.

1 Press **MENU** to see the MAIN menu.

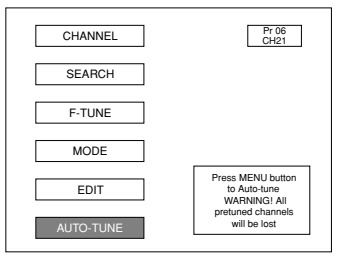
2 Press **BLUE** to see the TUNE menu.

3 Press **CH UP** to select AUTO-TUNE (blue box).

4 Press **MENU** to start the AUTO -TUNE.

MAIN menu

TUNE menu



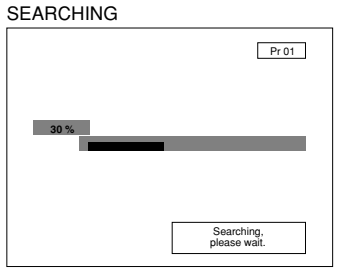
The TV set searches for frequencies, memorises the channels found them from Pr-01 of the TV, to a maximum of 99 programmes.

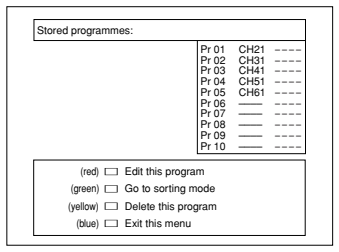
This tuning process may take several minutes to perform.

When the automatic search has been completed, the “Stored programmes” menu will appear on screen. In this menu, you can change the order of the channels and change or give the channels a four letter name.

If you wish to rename the channels, or change the order; refer to **Stored programmes** on page 10.
If you wish to go out of the menu, press **BLUE**.

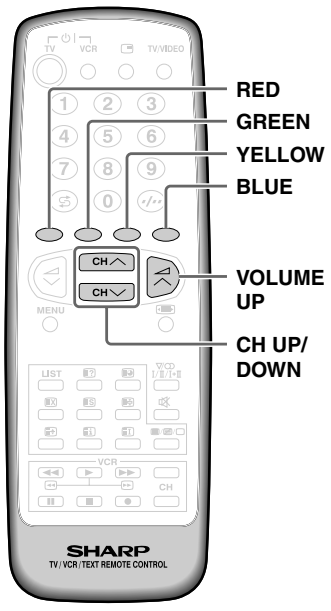
SEARCHING



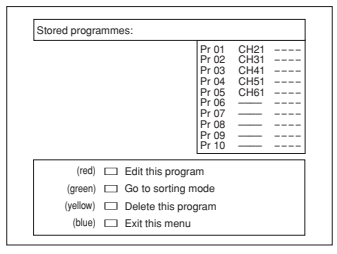


Stored programmes

When the TV has finished the automatic search, the Stored programmes menu will appear on screen with a list of the channels which have been memorized with the available options:



a) Select programme to be edited → **CH UP/DOWN**
b) Edit this program → **RED**
c) Go to sorting mode → **GREEN**
d) Delete this program → **YELLOW**
e) Exit this menu → **BLUE**



With these options, you will be able to organise the real channels (CH **) memorized in the TV programmes (Pr 01 … Pr 99.Pr 00) and put them into your own preferred order.

Select a programme to be edited

Use this option to select a programme from the list. Each time you press **CH UP/DOWN**, the memorized channel will be viewed and will remain selected on the list by means of a white background.

Edit this program

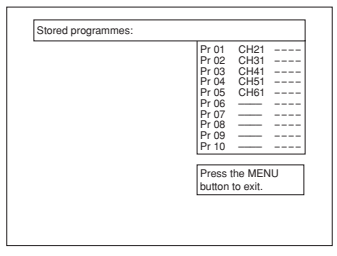
Use this option for giving a name made up of four digits to the channels or for changing the one which appears on some channels, in the following way:

1 Select the channel using **CH UP/DOWN**.

2 Press **RED**.

3 Press **CH UP** to change the first letter. Letters A to Z of the alphabet, a blank space and the numbers 0 to 9 will appear sequentially. Press **CH DOWN** to go backwards in the sequence.

4 Press **VOLUME UP** for changing the position of the cursor and **CH UP/DOWN** for changing the letters. When you have finished the fourth letter, press **VOLUME UP** to quit the Change of Name option.


Stored programmes:
Pr 01 CH21 ----
Pr 02 CH31 ----
Pr 03 CH41 ----
Pr 04 CH51 ----
Pr 05 CH61 ----
Pr 06 —— ----
Pr 07 —— ----
Pr 08 —— ----
Pr 09 —— ----
Pr 10 —— ----
Press the MENU button to exit.

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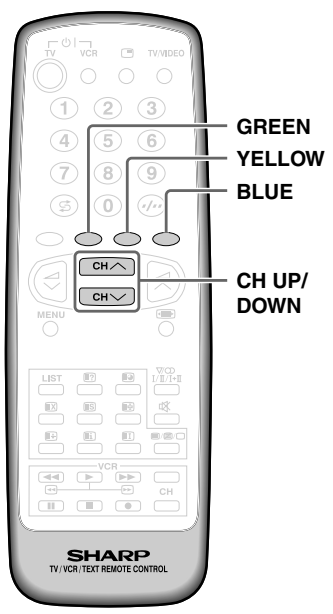


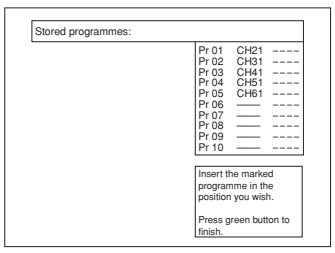
Go to sorting mode
Use this option for sorting the channels (CH) into the desired programme (Pr), as follows:

1 Select the programme (Pr) you wish to change using **CH UP/DOWN** (marked with white background).

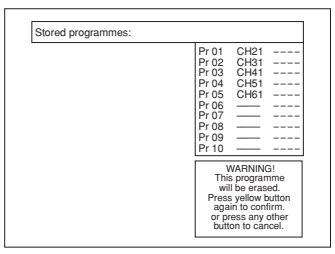
2 Press **GREEN** .

3 Press **CH UP/DOWN** to move the channel (CH) to the required position.

4 Press **GREEN** to finish.


Stored programmes:
Pr 01 CH21 ----
Pr 02 CH31 ----
Pr 03 CH41 ----
Pr 04 CH51 ----
Pr 05 CH61 ----
Pr 06 —— ----
Pr 07 —— ----
Pr 08 —— ----
Pr 09 —— ----
Pr 10 —— ----
Insert the marked programme in the position you wish.
Press green button to finish.

Delete this program
Use this option for cancelling programmes which are badly tuned or repeated. When **YELLOW** is pressed, the TV will ask for confirmation that you wish to cancel, and you must press **YELLOW** again. The channels that follow it on the list will automatically rearrange themselves by moving up one programme (Pr) place, to restore the space of the cancelled channel (CH).


Stored programmes:
Pr 01 CH21 ----
Pr 02 CH31 ----
Pr 03 CH41 ----
Pr 04 CH51 ----
Pr 05 CH61 ----
Pr 06 —— ----
Pr 07 —— ----
Pr 08 —— ----
Pr 09 —— ----
Pr 10 —— ----
WARNING!
This programme will be erased.
Press yellow button again to confirm,
or press any other button to cancel.

Exit
Use this option to quit the menu by pressing **BLUE**.

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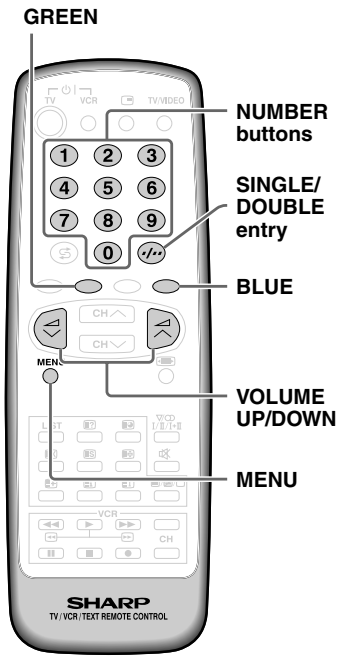
Manual Channel Preset (PRESET USING REAL CHANNEL NUMBERS)



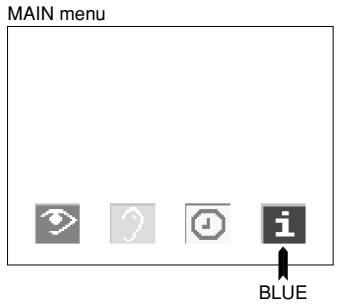
1 Depending on the programme channel you want to preset, press **SINGLE/DOUBLE entry** to select single/double digit entry.

2 Select the programme channel number you want to preset with the **0 ~ 9 NUMBER buttons**.

3 Press **MENU** to see the MAIN menu.

4 Press **BLUE** to see the TUNE menu.

MAIN menu



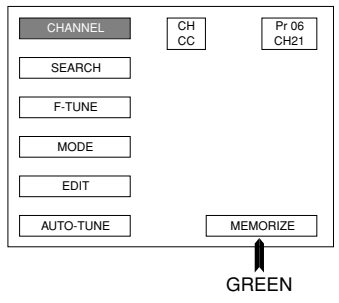
5 Press **Volume UP/DOWN** to select (with white letters) the Channel type: CH (Aerial) or CC (Cable).

6 Enter the real channel number you want to store with the **0 ~ 9 NUMBER buttons** (two digit entry only).

7 Press **GREEN** to memorize.

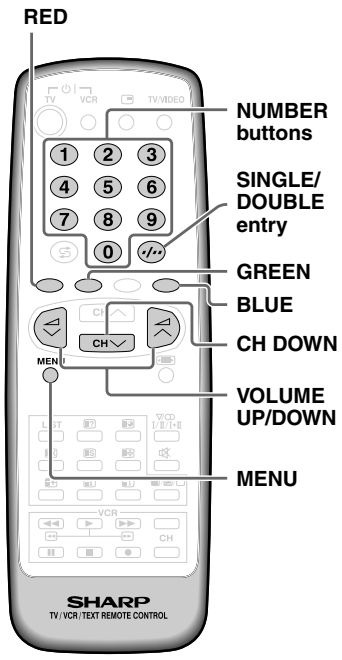
8 Press **MENU** to clear the on-screen display.

TUNE menu



Repeat the above procedure for presetting other programme.

Manual Channel Preset (PRESET USING BY CHANNEL NUMBER)



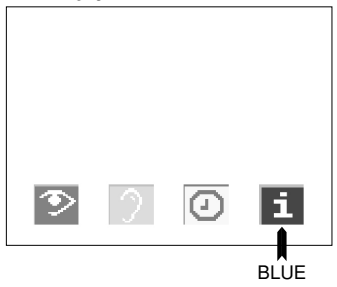
1 Depending on the programme channel you want to preset, press **SINGLE/DOUBLE entry** to select single/double digit entry.

2 Select the programme channel number you want to preset with the **0 ~ 9 NUMBER buttons**.

3 Press **MENU** to see the MAIN menu.

4 Press **BLUE** to see the TUNE menu.

MAIN menu

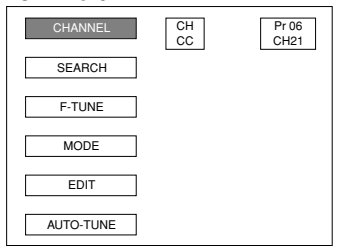


5 Press **Volume UP**/**DOWN** to select (with white letters) the Channel type: CH (Aerial) or CC (Cable).

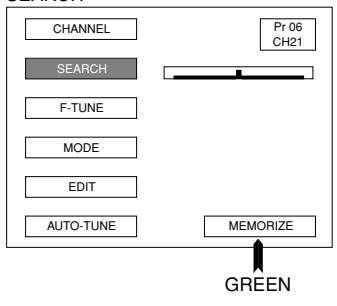
NOTE To select channel “5A”, press **5** and then press **RED**.

6 Press **CH DOWN** to select SEARCH.

TUNE menu



SEARCH



7 Press **Volume UP**/**DOWN** to start preset.
The tuning sequence will stop when a signal is detected, if the signal is not the required channel press **Volume UP**/**DOWN** to continue.

8 Press **GREEN** to memorize.

9 Press **MENU** to clear the on-screen display.

Repeat the above procedure for presetting other programme channels.

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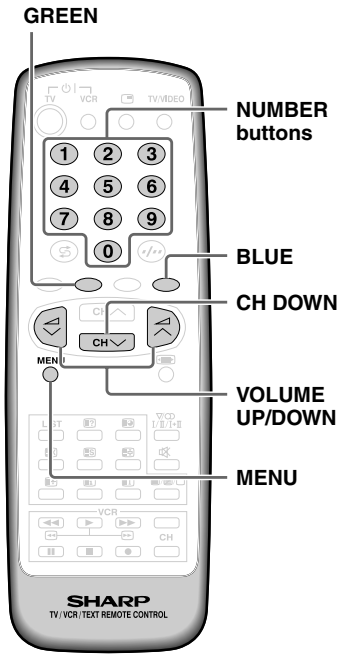


After preset has been performed

The following features are available for preset channels:

Fine tuning

When a preset programme channel is not exactly tuned, you can fine tune the channel in this mode.

1 Select the programme channel number you want to tune using the **0 ~ 9 NUMBER buttons**

2 Press **MENU** to see the MAIN menu.

3 Press **BLUE** to see the TUNE menu.

4 Press **CH DOWN** twice to select F-TUNE (blue box).

5 Press and hold the **Volume UP**/**DOWN**, until the best tuning position is found, for the best picture and sound.

After Fine tuning the programme number will turn from green to yellow.

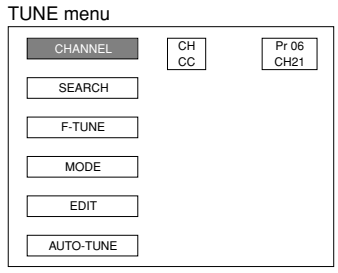
6 Press **GREEN** to memorize.

7 Press **MENU** to clear the on-screen display.

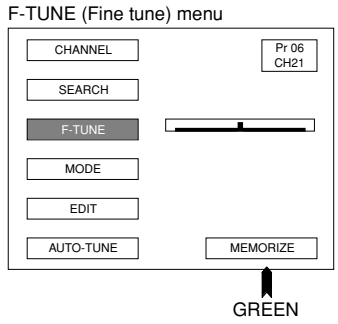
Repeat the above procedure for other programme channels as required.

MAIN menu

TUNE menu



F-TUNE (Fine tune) menu



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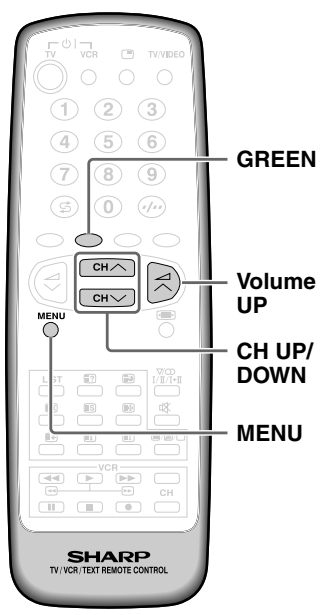


Mode

This feature allows you to select TV, VCR, SKIP. First follow the above steps **1**, **2**, and **3**. The TUNE menu will appear on screen.

1 Press **CH DOWN** to select MODE.

2 Press **Volume UP** to select:

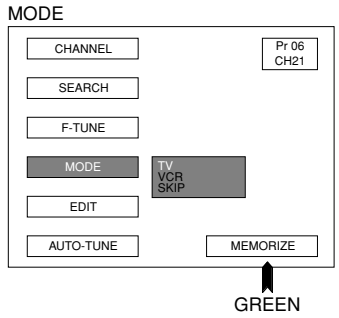
TV: If the TV signal is weak the image can move. In this case set the MODE to TV.
VCR: The upper part of the picture may be distorted when receiving signal from a VCR via RF terminal on the TV set. In this case, set the MODE to VCR.
SKIP: Allows you to skip channels you do not want to view when using **CH UP/DOWN**.

3 Press **GREEN** to memorize.

4 Press **MENU** to clear the on-screen display.

Repeat the above procedure for other programme channels as required.

MODE



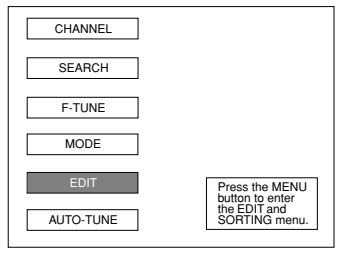
EDIT

This feature allows you to give a name to the channels and change the name.

1 Select EDIT and then press **MENU**. The EDIT menu will appear.

2 For the details on the procedure, refer to page 10.

EDIT



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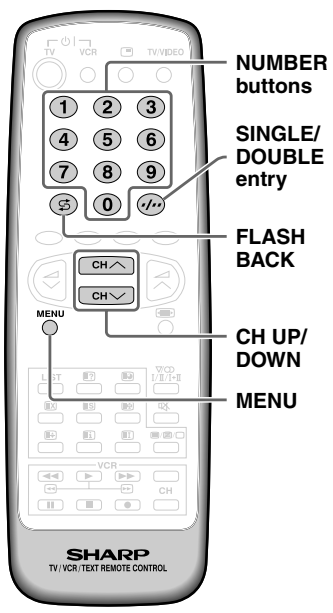
TV Operation

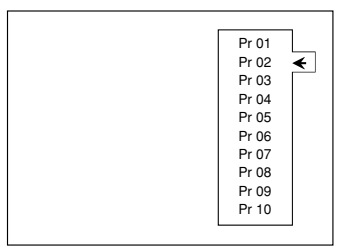
Channel Selection



CH UP/DOWN

Select the programme channel number you want to see, using the **CH UP/DOWN** buttons .

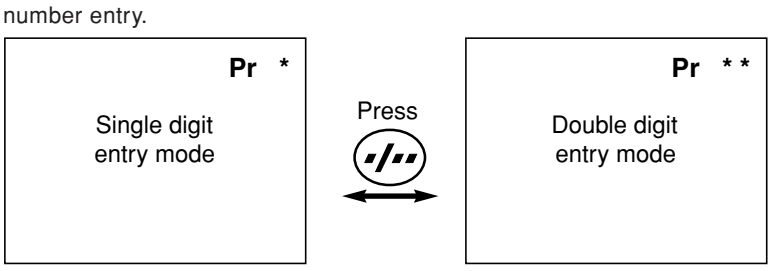
You can clear the on-screen display by pressing **MENU**.



NOTE The channels that are in SKIP mode cannot be seen when using this method.
Use the **0 ~ 9 NUMBER buttons** to display these channels.

SINGLE/DOUBLE entry

This button selects between one or two digit channel number entry.

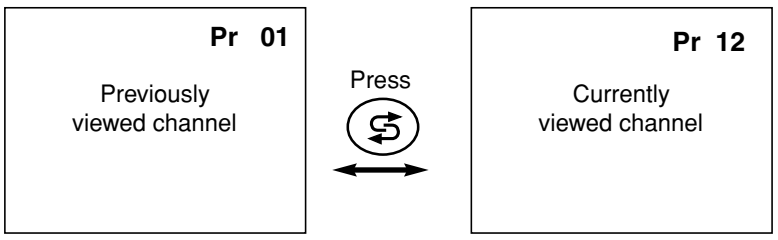


0~9 NUMBER buttons

You can select channels by pressing the **0 ~ 9 NUMBER buttons** on the remote control.
For single and double digit entry see above.

FLASH BACK

Press this button to switch the currently viewed channel to the previously viewed channel, and vice versa.
This function is only available in programme channel selection mode.
I.e. not when AV terminals are in use.



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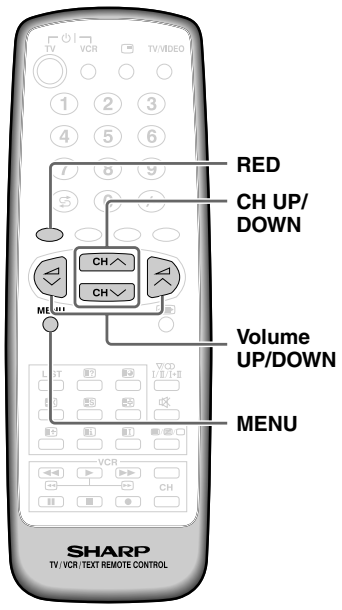
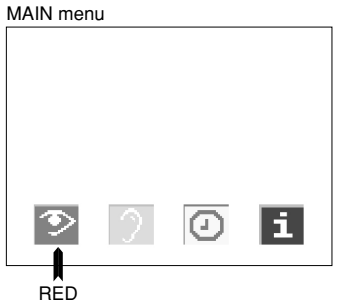
Picture Adjustments

Picture quality: CONTRAST, COLOUR, BRIGHTNESS, SHARPNESS, NORMALISE, TINT CONTROL, ECO MODE, COMB FILTER, NTSC HUE and ROTATION are adjustable in this menu.



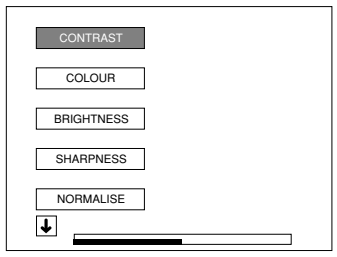
1 Press **MENU** to see the MAIN menu.

MAIN menu



2 Press **RED** to see the PICTURE menu.

PICTURE menu



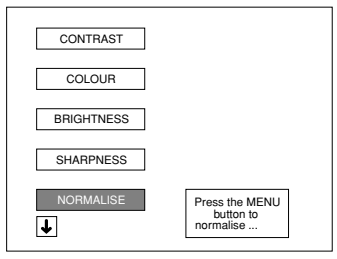
3 Press **CH UP/DOWN** to select an option from the list: CONTRAST, COLOUR, BRIGHTNESS, SHARPNESS or NORMALISE.

The selected item will appear on screen in a blue box.

4 For your desired picture, adjust the picture quality with **Volume UP/DOWN**.

If you wish to normalize video levels, press **MENU** to default factory settings.

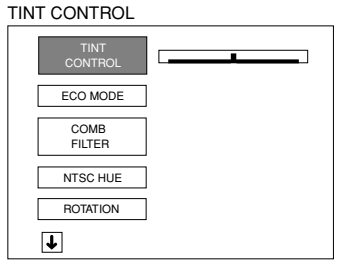
NORMALISE menu



5 Continuously press **CH UP/DOWN** arrows to access the TINT CONTROL and ECO MODE options.

6 Select TINT CONTROL and press **Volume UP/DOWN**, to adjust your desired skin colour (blue or red).

TINT CONTROL



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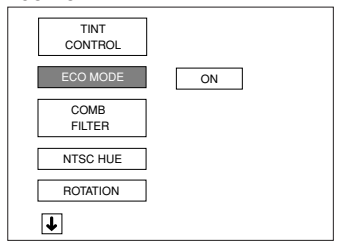
MENU

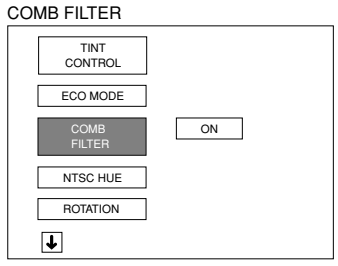
7 Select ECO MODE “ON” to reduce contrast in areas of the picture that are excessively white.

ECO MODE



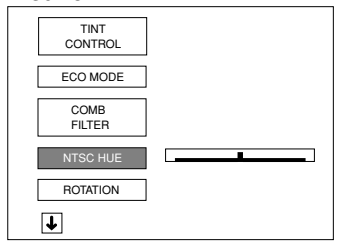
8 Select COMB FILTER “ON” to reduce colour interference in picture with fine details and the picture gets sharper.

COMB FILTER



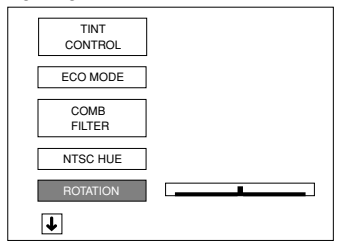
9 Select NTSC HUE to adjust the skin colour (Green or Red) during NTSC signal reception through the external connectors.

NTSC HUE



10 If the picture is tilted, select ROTATION to adjust the picture tilt.

ROTATION



11 Press **MENU** to close the menu.

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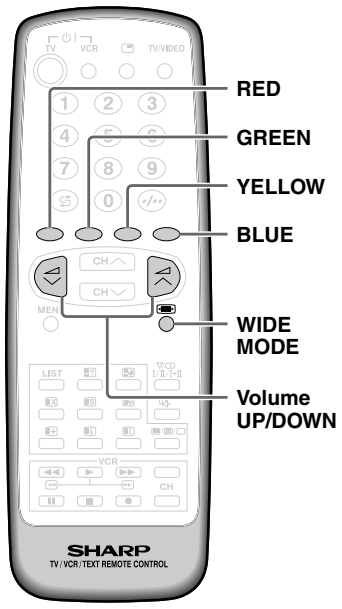
Wide Mode Fast Menu



With this menu you can select the width of the picture: AUTO, PANORAMA, FULL, NORMAL, ZOOM 14:9 or CINEMA, by pressing **WIDE MODE**.

Each time you press **WIDE MODE**, the width of the picture changes as indicated:

AUTO * ➔ PANORAMA ➔ FULL ➔ NORMAL ➔ ZOOM 14:9 ➔ CINEMA

When you select PANORAMA, ZOOM 14:9 or CINEMA, 4 options appear on the screen.

V-SCROLL: Press **RED** to see the Vertical SCROLL menu.

V-SIZE: Press **GREEN** to see the Vertical SIZE menu.

NORMAL: Press **YELLOW** to normalize the Vertical SCROLL and SIZE.

EXIT: Press **BLUE** to quit the menu.

V-SCROLL menu: Press **Volume UP/DOWN** to adjust the Vertical SCROLL (UP/DOWN).

V-SIZE menu: Press **Volume UP/DOWN** to adjust the Vertical SIZE (LARGE/SMALL).

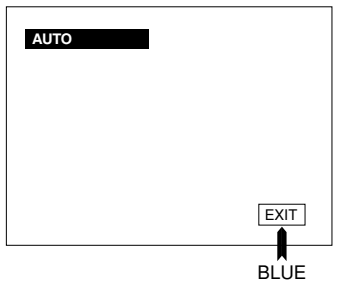
* **AUTO mode (VPS code):** The VPS signal is sent by some broadcasting stations with information of the original size.
When the TV is in AUTO mode and receives the VPS signal, it changes the size automatically as indicated below:

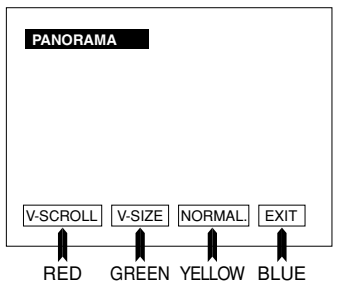
When the TV is receiving **VPS code 16:9** the TV selects **CINEMA** automatically.

When the TV is receiving **VPS code 14:9** the TV selects **ZOOM 14:9** automatically.

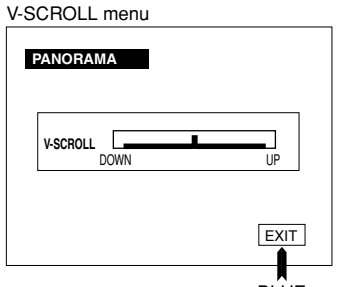
When the TV is receiving **VPS code 4:3** the TV selects **PANORAMA** automatically.

When the TV does **NOT receive** VPS code the TV selects **PANORAMA** automatically.

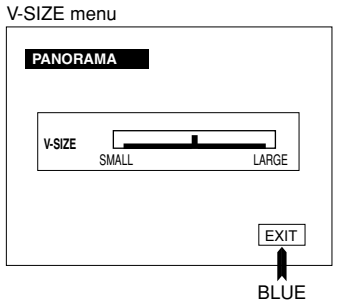




V-SCROLL menu



V-SIZE menu



Wide Mode (Special detail information)

Special detail information about PANORAMA, FULL, NORMAL, ZOOM 14:9 and CINEMA (16:9) .

PANORAMA

The Panorama Mode adapts the broadcast picture to 16:9 format without changing the centre of view. This is especially useful for programmes like the News when the speaker in the centre of the picture needs to be seen clearly.

FULL

With Full Mode you adapt the picture 16:9 format while also stretching the centre of view. This is an advantage, for example, when watching sports games where there is no real fixed centre of the picture.

NORMAL

You can watch 4:3 programmes in 4:3 format by switching to Normal Mode function.

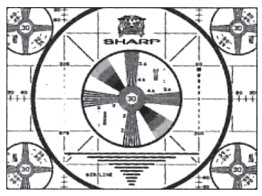
ZOOM 14:9

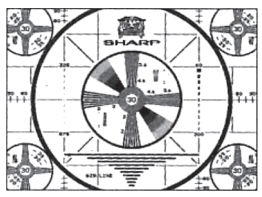
Adapts the 14:9 broadcast cinema movies to the 14:9 Mode.

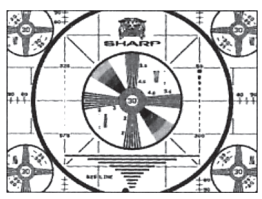
CINEMA (16:9)

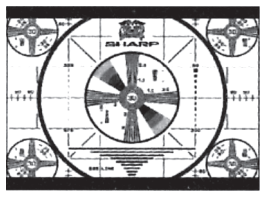
Adapts the 16:9 broadcast cinema movies to the 16:9 Mode, thereby getting rid of the black borders.

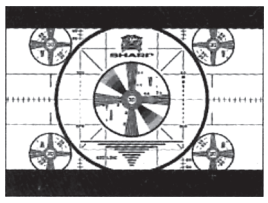
4 : 3



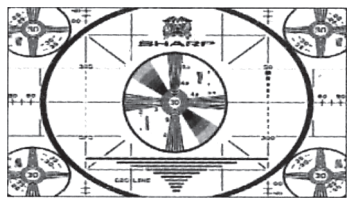


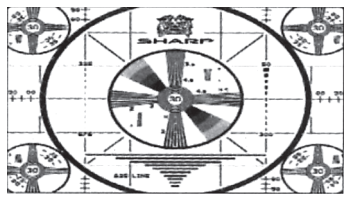


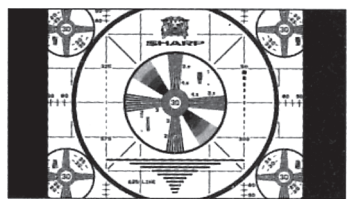


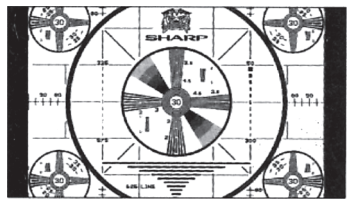


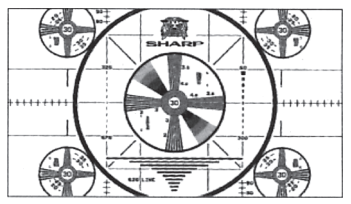
16 : 9



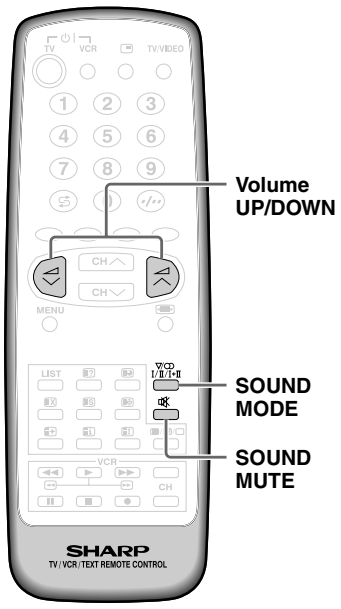








Audio Adjustments



Loudspeakers Sound Volume
Use **Volume UP/DOWN** to increase/decrease the volume level. The volume indicator will appear on the screen.

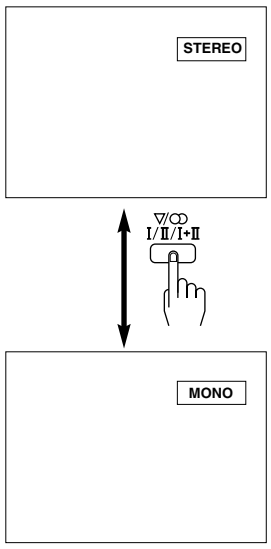
NOTE To adjust the headphones volume, see the SOUND menu on page 22.

SOUND MUTE
Press the button to mute the sound. “MUTE” appears on the screen. Press the button again to turn the sound back on.

SOUND MODE
Press the button to change the sound mode for the speakers. The sound mode will appear on the screen.

Depending on the sound transmission the sound reproduction can be chosen as indicated below:

When the TV set is receiving a STEREO programme, the TV selects STEREO automatically, and you can change: **STEREO ⟷ MONO**
When the TV is receiving a BILINGUAL programme, the TV selects DUAL CHANNEL A automatically, and you can change: **DUAL CHANNEL A⟷ DUAL CHANNEL B⟷** **DUAL CHANNEL A B ⟷ MONO**
When the TV is receiving a MONO (NICAM) programme, the TV set selects MONO NICAM automatically, and you can change: **MONO NICAM ⟷ MONO (FM)**
When the TV is receiving a MONO (FM) programme, the TV set selects MONO automatically but the sound mode cannot be changed.



NOTE See the **Sound Setting Mode** (page 22) to change the sound mode for the headphones.

External source: When you are watching the TV set through the AV-1, AV-2 or AV-3 terminals, the Sound mode button is not operative.

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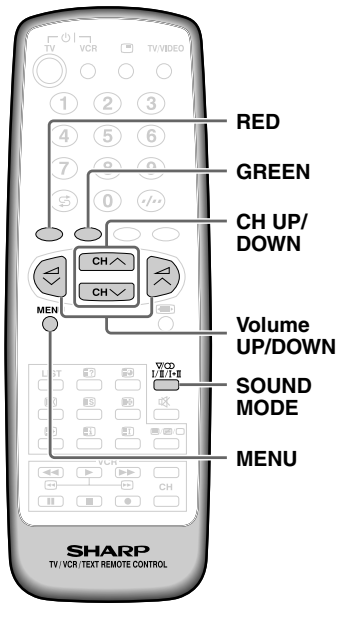
Sound Setting Mode

Sound quality (VOLUME, BASS, TREBLE, BALANCE, NORMALISE, SOUND MODE and SPATIAL EXPANDER) are adjustable in this menu.



1 Press **MENU** to see the MAIN menu.

2 Press **GREEN** to see the SOUND menu.

3 Press **RED** to select LOUDSPEAKERS or press **GREEN** to select HEADPHONES.

4 Press **CH UP/DOWN** to select an option from the list: VOLUME, BASS, TREBLE, BALANCE or NORMALISE.

The selected option will appear in white letters on a blue background.

5 Adjust the sound quality according to your preferences with **Volume UP/DOWN**.

Select NORMALISE and press **MENU** to normalise audio levels to default factory settings.

6 Press **CH DOWN** to see more options: SPEAKERS (Mode), HEADPHONES (Mode), EFFECTS, SOUND IDENT., and DYNAMIC BASS.

7 Press **CH UP/DOWN** to select: LOUDSPEAKERS or HEADPHONES.
Press **Volume UP/DOWN** to change the sound mode, as indicated on page 21, in the section **Sound mode**.

8 Select **EFFECTS*** and press **Volume UP/DOWN** to activate or deactivate the SPATIAL EXPANDER effect.

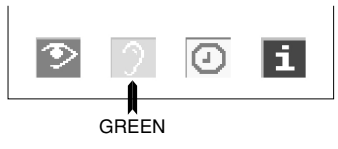
9 Select **SOUND IDENT.**** to activate (ON) or deactivate (OFF) the automatic identification of audio system of the current programme.

10 Select **DYNAMIC BASS.***** and select the desired mode from OFF, MEDIUM, and STRONG.

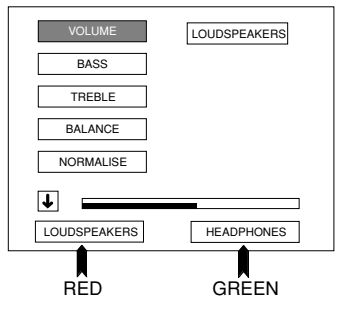
11 Select **A.V.C****** and select the desired mode from Short, Middle or Long.

12 Press **MENU** to close the menu.

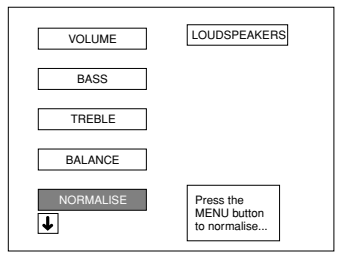
MAIN menu



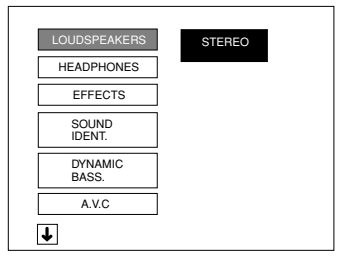
SOUND menu



NORMALISE



SOUND mode



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*** EFFECTS**
SPATIAL EXPANDER: The spatial expander effect depends on whether the feed is MONO or STEREO.
If the source feed is MONO, it produces a “Pseudo Stereo” effect.
If the source feed is STEREO, it produces a spatial expander effect, expanding the stereophonic image.
BYPASS: The BYPASS effect deactivates the SPATIAL EXPANDER.

NOTE The SPATIAL EXPANDER effect does not work with headphones.

**** SOUND IDENT.**
SOUND IDENT. ON: TV automatically identifies the sintonized audio system MONO FM, STEREO NICAM or DUAL NICAM SIGNAL.
SOUND IDENT. OFF: Disqualifies the automatic identification of the audio system and forces the sound into MONO FM.
This mode can be convenient when the level of the signal received is extremely weak. This function is independent for every programme.

***** DYNAMIC BASS.** system extends the frequency range of loudspeakers to create different bass effects.

****** A.V.C** (Automatic Volume Correction)
Different sound sources, fairly often do not have the same volume level, for example the changing from movie to the advertisements.
The Automatic Volume Correction (A.V.C) solves this problem and equalizes the volume levels.
You can select A.V.C from four different time levels; Short, Middle and Long.

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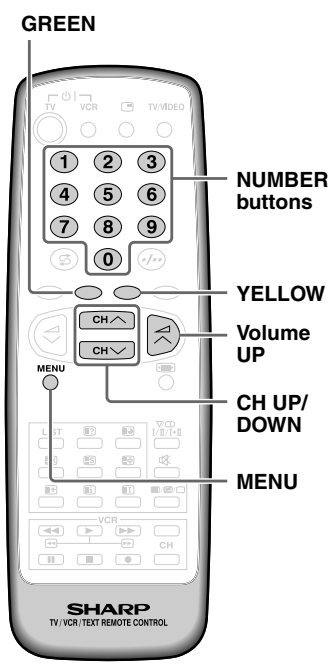
Features Setting Mode

In this mode you can set LANGUAGE, ON-TIMER, OFF-TIMER, CHILD LOCK and view the all functions implemented in your TV set demonstration .



LANGUAGE

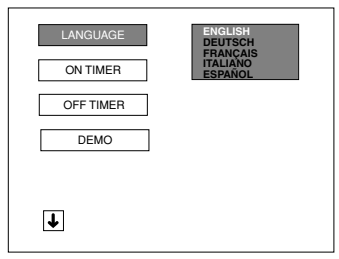
You can select the desired language for the TV screen.

1 Press **MENU** to see the MAIN menu.

2 Press **YELLOW** to see the FEATURES menu.

3 Press **CH UP/DOWN** to select an option from the list: LANGUAGE, ON TIMER, OFF TIMER, DEMO or CHILD LOCK.
The selected item will appear on screen in white letters on a blue background.

FEATURES menu - LANGUAGE



4 Press **Volume UP** to select the desired language in the white letters.

5 Press **MENU** to close the menu.

ON TIMER

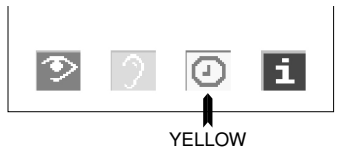
The ON-TIMER is used to automatically switch on the TV set during the day.

1 Press **MENU** to see the MAIN menu.

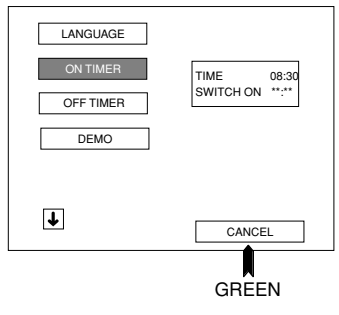
2 Press **YELLOW** to see the FEATURES menu.

3 Press **CH UP/DOWN** to select an option from the list: ON TIMER, OFF TIMER, CHILD LOCK, DEMO.
The selected item will appear on screen in white letters on a blue background.

MAIN menu



FEATURES menu - ON TIMER



4 Press **Volume UP** to select the TIME (current time) in white letters.

5 To programme the current TIME: In order to be able to run this function, it is essential to adjust the current time.

Automatic TIME adjustment: If you are receiving a channel with Teletext, the TIME is automatically synchronized with the Teletext clock.

***Important:** If a signal via satellite is being received, or if correct time cannot be obtained, the time will have to be adjusted manually.

Manual TIME adjustment: To adjust the time manually, this should be done with the **0 ~ 9 NUMBER buttons.**

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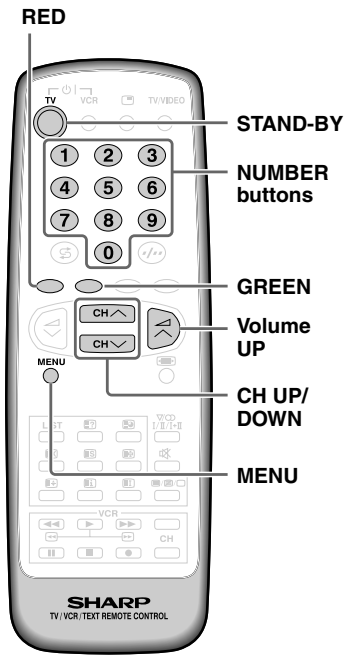


6 Press **Volume UP** to select: SWITCH ON in white letters.

7 Adjusting the SWITCH ON Time. Once the current TIME has been adjusted, the SWITCH ON Time can be set with the **0 ~ 9 NUMBER buttons**.
GREEN is used to cancel the SWITCH ON function.

8 Press **MENU** to close the menu.

9 Press **STAND-BY** on the remote control to put the TV into switch on Stand-by Mode.
LED indicator on the TV set lights up **RED** during ON TIMER is activated.

NOTE As a safety precaution, in the case of nobody being home when the television switches on automatically, the television will disconnect itself after 120 minutes; if it is to continue to run, any button on the remote control functions should be pressed.
In the event of a power cut, disconnection from the plug or television switch, all the data on the ON TIMER will be cancelled.

OFF TIMER

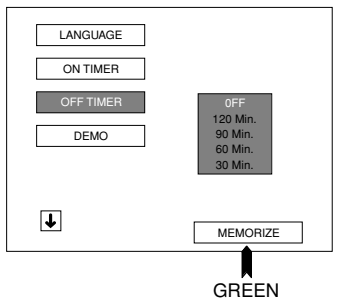
The OFF TIMER automatically switches the TV set to Stand-by Mode after a predetermined period, (30, 60, 90 or 120 minutes).

First follow the steps 1 to 3 (page 24) to see the FEATURES menu-ON TIMER.

1 Press **Volume UP** to select OFF TIMER and then press **CH UP/DOWN** to select the desired period in white letters.
Select OFF to deactivate off-timer.
Press **GREEN** to memorize.

2 Press **MENU** to close the menu.

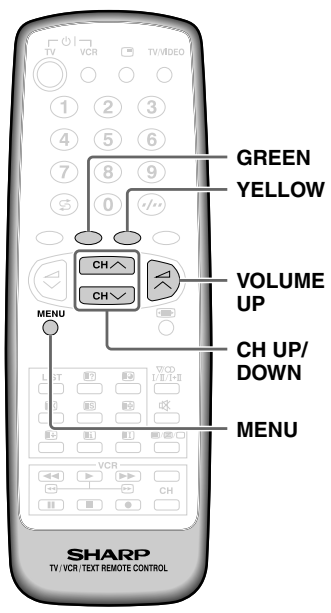
FEATURES menu - OFF TIMER



NOTE The OFF TIMER data will be cancelled if you turn off the TV by **STAND-BY** on the remote control or with the **MAIN POWER** on the TV set.

Child Lock (Channel Block)

You can lock a TV channel to prevent unsupervised TV viewing by following these procedures; the protection can apply to the television itself LOCK ALL or to specific programmes LOCK PROG.. With the CHILD LOCK function, you can also programme a time period during which the TV will be protected.



1 Press **MENU** to see the MAIN menu.

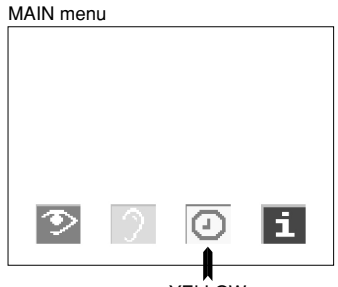
2 Press **YELLOW** to see the FEATURES menu.

3 Press **CH DOWN** to select CHILD LOCK in white letters on a blue background.

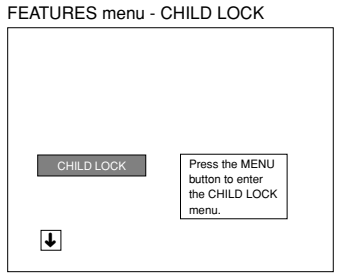
4 Press **MENU** to see the CHILD LOCK menu.

5 Press **CH UP/DOWN** to select an option from the list: LOCK ALL, LOCK PROGRAMME or CLEAR LOCK
The selected item will appear on screen in a blue box.

MAIN menu



FEATURES menu - CHILD LOCK



LOCK ALL

Select this option for protecting the access to the whole TV.
If necessary, repeat steps **1** to **4** to see the CHILD LOCK menu.

1 Press **Volume UP** to select the protection type (white letters):
Select NONE: To cancel the protection.

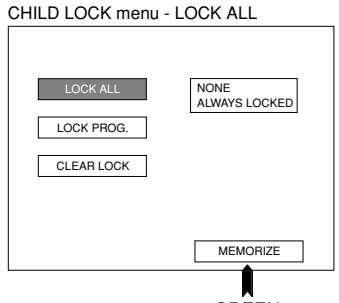
Select ALWAYS LOCKED: The access to the TV will be protected throughout the day.

2 Press **GREEN** to memorize.

From this time forward, whenever the protection conditions are met, the screen will be blocked and the “LOCKED MODE” message will be displayed.
Press any number key on the remote control to unlock the TV.

NOTE Since the “key” for unlocking the TV is the remote control, make sure you do not misplace it.

CHILD LOCK menu - LOCK ALL



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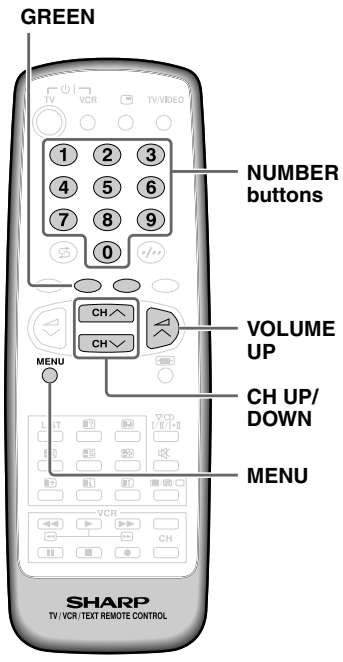


LOCK PROGRAMME

Select this option to protect the access to separate programmes.

1 Press **MENU** to see the MAIN menu.

2 Select the programme channel number you want to protect using the **0 ~ 9 NUMBER buttons** or **CH UP/ DOWN**.

3 Repeat steps **1** to **4** (page 26) to see the CHILD LOCK menu.

4 Press **CH DOWN** to select LOCK PROG. (blue background).

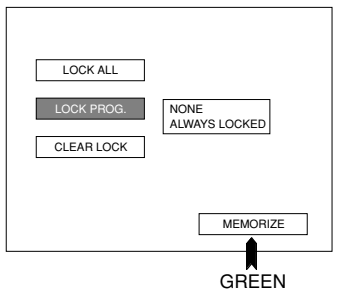
5 Press **Volume UP** to select the protection type (white letters):

Select NONE: To cancel the protection from the selected programme.

Select ALWAYS LOCKED: To protect the access from the selected programme throughout the day.

6 Press **GREEN** to memorize.
From this time forward, whenever the protection conditions are met, the screen will be blocked and the “LOCKED MODE” message will be displayed.
Press any **NUMBER buttons** to unlock the TV.

LOCK PROGRAMME menu



NOTE Since the “key” for unlocking the TV is the remote control, make sure you do not misplace it.

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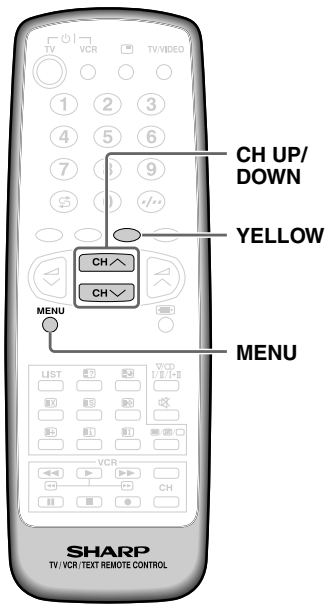
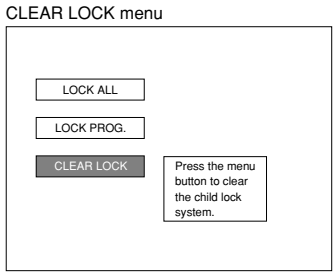


CLEAR LOCK

This option enables you to erase all the adjustments made to the CHILD-LOCK function.
If necessary repeat steps **1** to **4** (page 26) to see the CHILD LOCK menu.

CLEAR LOCK menu



1 Press **CH UP/DOWN** to select CLEAR LOCK.

2 Press **MENU** to confirm that you want to initialize the CHILD LOCK system.

3 Press **MENU** to clear the on-screen display.

4 Use the CLEAR LOCK to cancel any previously set CHILD LOCK programmes to avoid malfunction when a new program is set.

Demo

The demonstration function allows you to see all the menus implemented in this TV set.

1 Press **MENU** to see the MAIN menu.

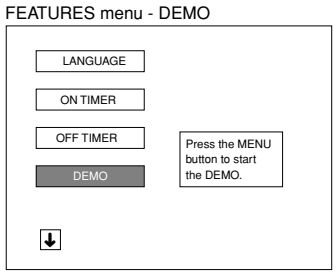
2 Press **YELLOW** to see the FEATURES menu.

3 Press **CH DOWN** to select DEMO.

4 Press **MENU** to begin the demonstration.

5 Press any button on remote control to exit this function when you wish.

FEATURES menu - DEMO



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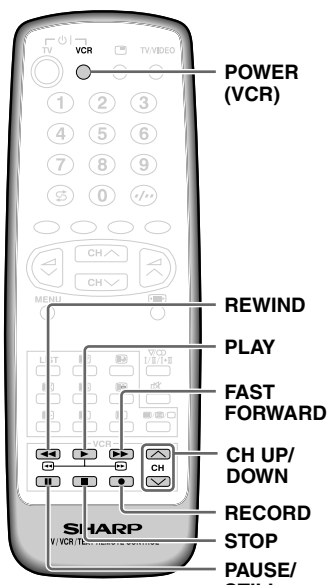
VCR Mode

SHARP VCR can be operated using the TV remote control.



POWER (VCR)
Press this button to turn your VCR on.

CH UP/DOWN (VCR)
These buttons are used for changing channels and setting the timer.

PLAY
Press this button to start playback.

RECORD
Press this button to start recording. If the video cassette is protected against recording, it will be ejected.

STOP
Press this button to stop playback or recording.

FAST FORWARD and REWIND
Both these buttons have the following function:

PAUSE/STILL
Press to temporarily stop the tape during playback or recording mode.
Press again to release pause.

Fast forwarding and Rewinding

1. To move through the cassette faster, press **STOP** to stop and then press **FAST FOWARD** or **REWIND** to fast forward or rewind the cassette.
2. Press **STOP** to stop fast forward or rewind.

Picture Search

1. During playback, press **FAST FOWARD** for forward picture search, or **REWIND** for reverse search.
2. Press **PLAY** to resume normal playback.

For further details, please refer to operation manual of your VCR.

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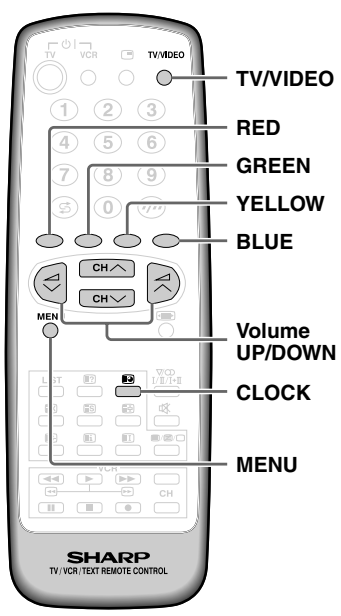
Other Features



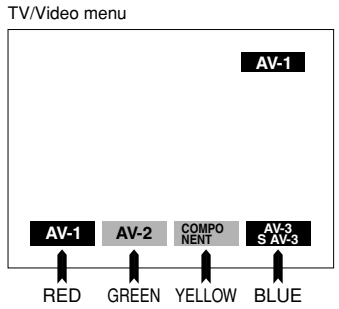
TV/VIDEO

With this button you can select either source of input for the TV.

1 When **TV/VIDEO** is first pressed, the TV/Video menu appears and TV mode changes to VIDEO mode. The screen is displayed in the last VIDEO mode.

2 Press the corresponding **COLOUR** to select one of the input sources, as indicated in the diagram.
If you press any **COLOUR** during VIDEO mode, the TV/Video menu will appear again.

TV/Video menu



NOTE Each time the corresponding COLOUR is pressed, AV-3/S AV-3 (S-VIDEO) change as indicated below.

BLUE: AV-3 ⟷ S AV-3 (S-VIDEO)
The selected input will appear on the screen.

3 Press **TV/VIDEO** again, and you will exit the menu and VIDEO mode will change back to TV mode.

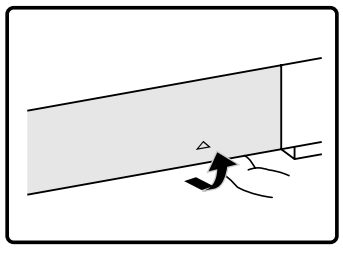
CLOCK

Press the button to display the current time on the screen.

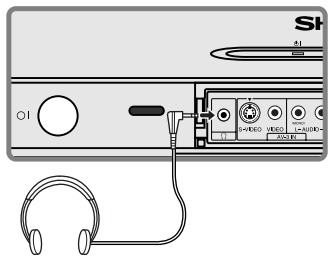
NOTE That this function operates only if the station you are tuned to broadcasts a teletext signal.

Headphone jack

The headphone jack is located behind the door.
How to open the door: Lift the projection at the lower right of the door with your finger in the direction of the arrow.



Behind the door



1 Press **MENU** to see the MAIN menu.

2 Press **GREEN** to see the SOUND menu.

3 Press **GREEN** to select HEADPHONE VOLUME.

4 Adjust the headphone volume with **Volume UP/DOWN**.

Caution:	To protect your ears, reduce the volume of headphones before connecting them.

5 Make sure that you insert the headphone plug all the way.

6 Press **MENU** to close the menu.

NOTE The SPATIAL EXPANDER effect cannot be adjusted for the headphones.

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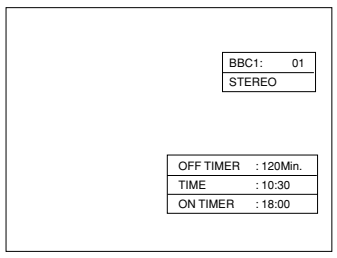
CHANNEL CALL

Press the button to display the current programme number and the sound mode on the screen. The name if it has been set, the remaining time for off-timer, the real-timer and the on-timer, if they have been set, are also displayed on the screen.
Press the button again to make the on-screen disappear.
If the channel you are viewing has been set to be skipped with the channel skip function, the programme number is displayed in red. If the channel was fine-tuned, programme number will be displayed in yellow.



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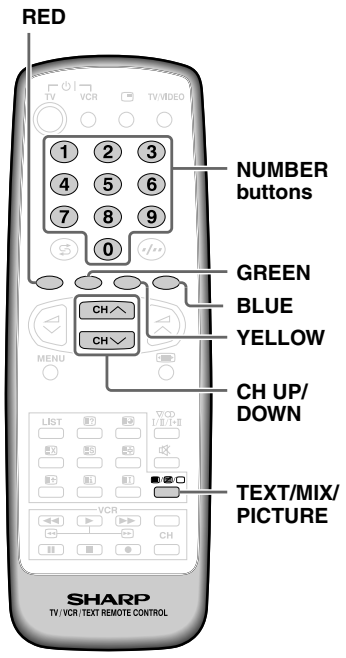
TELETEXT Mode



What is Teletext?

Teletext is an information service, organized like a magazine, which is provided by some television stations in addition to regular television broadcasting. Your television receives special Teletext signals broadcast by a TV station, processes the information and displays it graphically on the screen. News, weather and sports information, stock exchange prices, programme previews and closed captioning for the deaf are among the many services available through Teletext.

Teletext information is organized much like a magazine: according to pages and sub-pages. The basic unit of displayed information is the page. A sub-page is one of a series of pages.

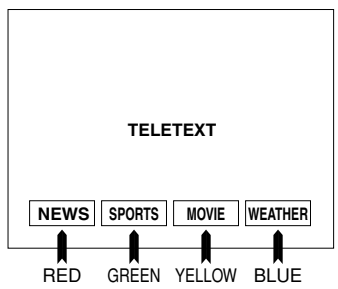
Teletext reception is controlled by using the remote control. Refer to the appropriate button descriptions for operation of the Teletext functions.

Teletext features

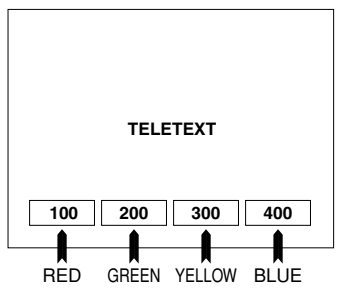
Depending on the TV programme, the Teletext pages are transmitted using different systems. Your SHARP TV is adjusted to receive 2 Teletext systems, namely FLOF and LIST, which are automatically identified by the receiver.

The user can easily identify them by the manner in which they appear on the screen.

FLOF



LIST



To switch ON and switch OFF the Teletext

1 Select a TV channel which is broadcasting the Teletext programme you would like to watch.

2 Press **TEXT/MIX/PICTURE** twice to select the Teletext Mode.
Teletext information will appear on the screen.

3 Press **TEXT/MIX/PICTURE** twice to go out from Teletext Mode.

Page Selection

Fast Page Selection
Select the appropriate programme channel.
Press **TEXT/MIX/PICTURE** twice to select the Teletext Mode.
To recall a page number displayed in the coloured brackets, simply press the corresponding **COLOUR** .

0~9 NUMBER buttons
Enter a desired page number with **0 ~ 9 NUMBER butttons**.
(To select P.100: press 1, 0, 0).

Page selector
You can sequentially select page numbers by pressing **CH UP/DOWN**.

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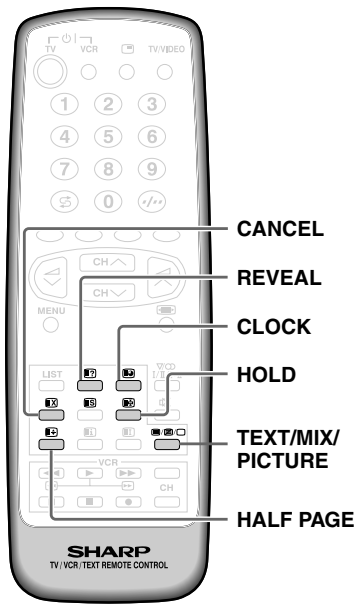
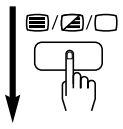
Other Teletext features



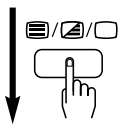
TEXT/MIX/PICTURE

TV Mode: Press **TEXT/MIX/PICTURE** to select SPLIT SCREEN Mode (Picture & Teletext). This feature allows the user to watch a Teletext page on the right hand side of the screen while on the left hand side is shown the normal TV programme.
SPLIT SCREEN Mode: Press **TEXT/MIX/PICTURE** to select the Teletext Mode.
Teletext Mode: Press the button again to superimpose a Teletext broadcast onto the current TV programme screen (mixed Mode).
MIXED Mode: Press the button again to return to the normal TV screen (current program).

SPLIT SCREEN Mode



TELETEXT Mode



MIXED Mode

HALF PAGE

Each time you press the button, the upper/lower half of the Teletext page is magnified and displayed on the screen.

HOLD

Any Teletext page or subpage can be held on the screen by pressing **HOLD**.
Press the button again to cancel the HOLD Mode.

REVEAL

Press this button to reveal hidden information such as the answer to a quiz.
Press the button again to hide the information.

CLOCK

TV Mode: When the TV signal with TEXT data is received, by pressing this button the real time information will appear on the top left area of the screen.
Teletext Mode: When a selected Teletext page has hidden subpages or timed pages, these pages can be seen by the following manner:

1 Press **CLOCK**. Screen will show "= = = = "

2 Enter 4 digits corresponding to the subpage desired. E.g. 0021 for subpage number 21.

3 Wait until the page appears.

NOTE You can use this button together with **CANCEL** . This means that you can view the main TV picture until the subpage has been found. The on screen icon at the top left side of the screen will change when the subpage has been found. Press **TEXT/MIX/PICTURE** to view the subpage.

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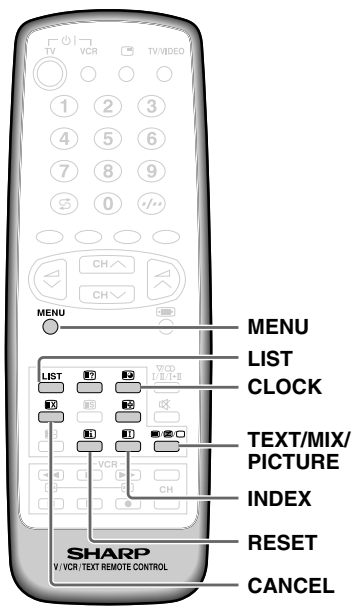
TELETEXT Mode



CANCEL

With this button Teletext information is cancelled and TV picture is restored. Indication is shown on screen.
In this position, the TV programme cannot be changed, being in Teletext/Cancelled mode. When a change takes place in the Teletext information, the upper time of the cancelled page or some other indication of special pages is shown on screen. To uncancel, press **TEXT/MIX/PICTURE** and the whole Teletext is shown.

NOTE This button can be used together with **CLOCK** while awaiting subpages.
If you are in SPLIT SCREEN mode (Picture & Teletext) **CANCEL** is not available.

LIST

Pressing this button you force the Teletext to LIST Mode. It means that row 24 (bottom row of Teletext) will not have transmitter information, only the pages that you have previously stored in the memory.
More information on **Teletext Page memory List** (page 35).
Pressing **LIST** again we go out from LIST Mode and system is going to be identified again (FLOF).

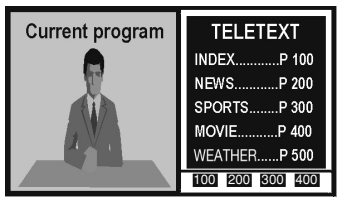
INDEX

Press **INDEX** to return back to index page.

RESET

Press **RESET** to return back to index page and go out from Teletext mode.

SPLIT SCREEN (LIST mode)



This feature allows the user to watch a Teletext page (in LIST Mode) on the right hand side of the screen while on the left hand side is shown the normal TV programme.
To activate this mode, press any colour when you are watching a TV programme with Teletext information and the display page will be page memorized in LIST mode (see LIST Mode).

To exit from SPLIT SCREEN (LIST Mode) press **MENU**.

NOTE If there is not TXT transmission, a black box appears.

When using SPLIT SCREEN (LIST Mode) only the following TEXT buttons are active:

- **Colour**
- **0~ 9 NUMBER buttons**
- **Half PAGE**
- **HOLD**
- **REVEAL**
- **CLOCK** (Timed pages)
- **STORE**
- **TEXT/MIX/PICTURE** (TEXT off)

Pressing any other button allows to return on normal TV Mode resetting the SPLIT SCREEN (LIST Mode) feature.

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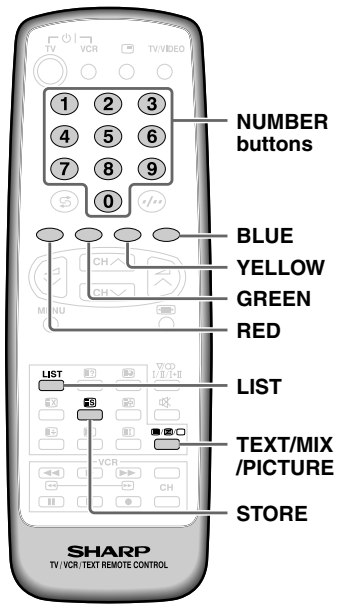
Teletext operation - LIST Mode -



Teletext Page memory List

How to Operate Page Memory

Your TV has 40 Teletext page number memories for fast recall of Teletext information.
In programme positions 1 through 9, four Teletext page numbers can be stored in each position; a total of 36 pages.
In programme positions 10 through 99, only one programme with 4 page numbers can be stored. If you try to store more than 4 page numbers in a programme position between 10 and 99, the previously stored page numbers will be erased.

1 Select the programme channel number into which you want to store Teletext page numbers.

2 Press **TEXT/MIX/PICTURE** twice to select the Teletext mode.

3 Press **LIST** to change from FLOF system to LIST mode.

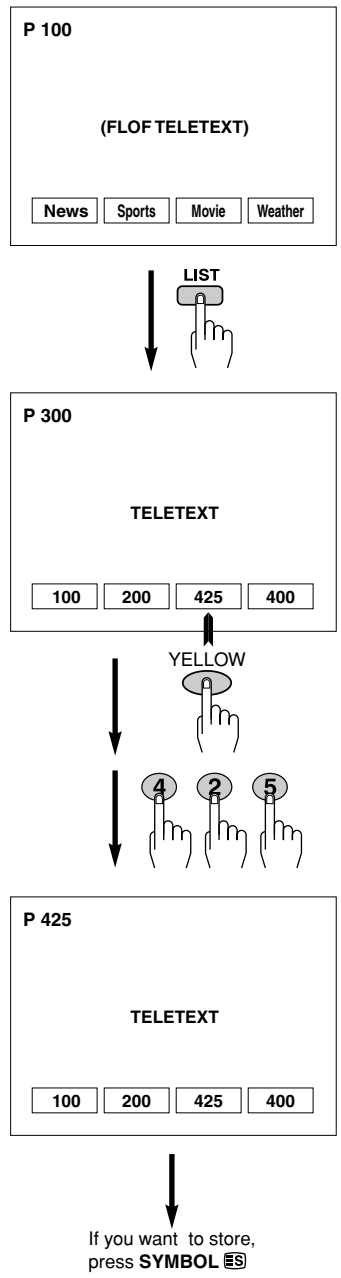
4 Press a corresponding **COLOUR** to the coloured brackets on the screen for page number storage.

5 Enter the Teletext page number using the **0 ~ 9 NUMBER buttons** (enter three digits).

6 Repeat steps **4** and **5** until the numbers for the desired pages are entered.

7 Press **STORE** to memorize the page numbers you require. The symbol appears on the screen.

8 Press **TEXT/MIX/PICTURE** twice to exit the Teletext Mode.



Fast Page Selection - LIST Mode -

1 Select the appropriate programme channel.

2 Press **TEXT/MIX/PICTURE** twice to select the Teletext Mode.

3 Press **LIST** to change from FLOF system to LIST Mode.

4 To recall a page number displayed in the coloured brackets, simply press the corresponding **COLOUR.**

5 Press **LIST** again to return to FLOF Mode.

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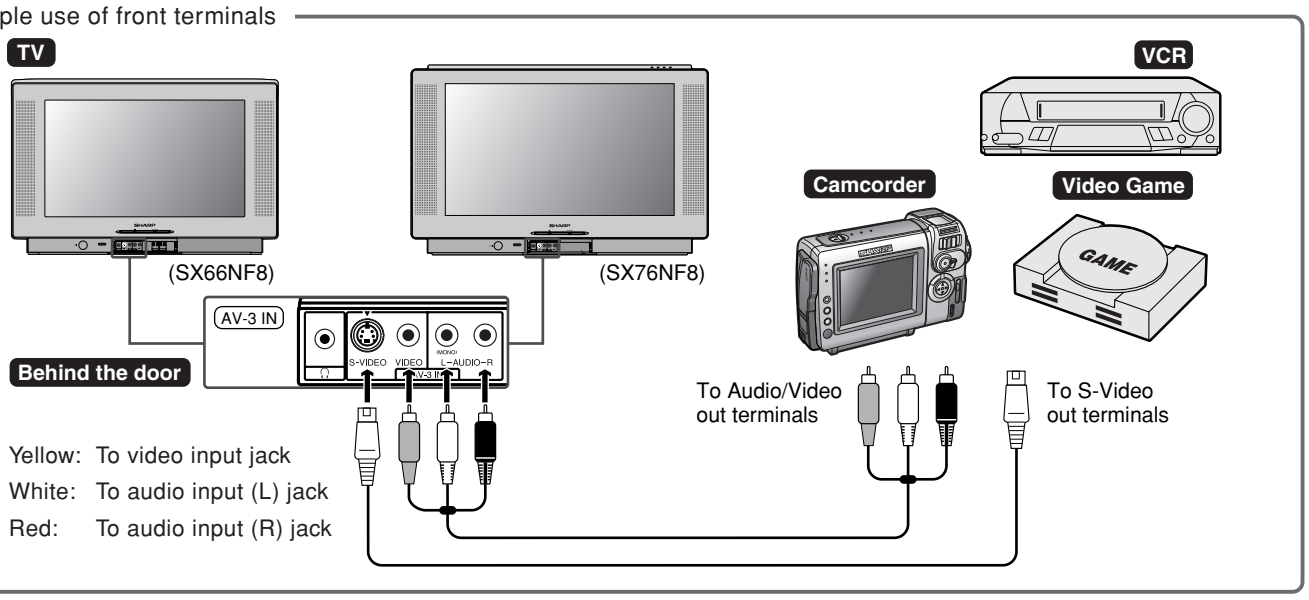
Connections

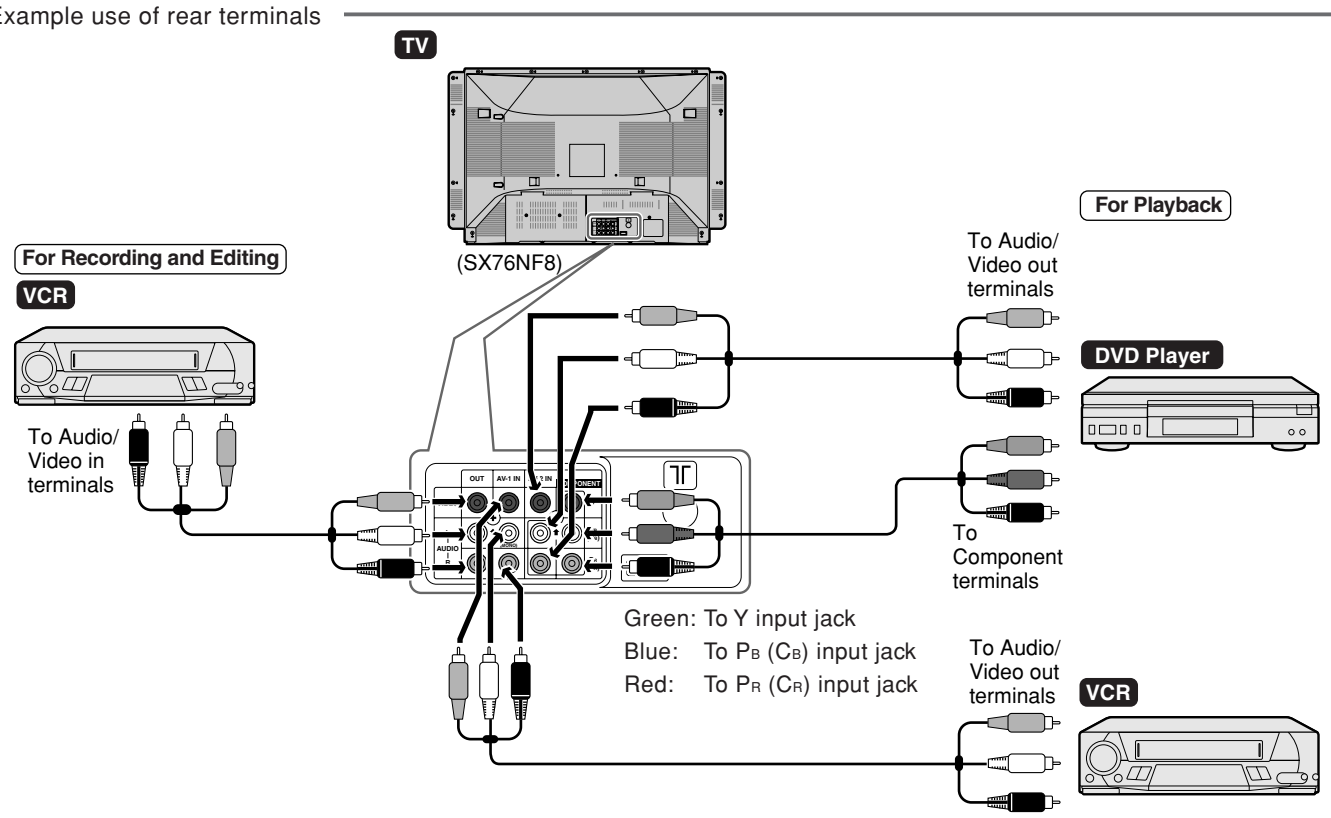
Connecting to video equipment

Enjoy playback from a video disc player, VCR or other video equipment by connecting them to this TV set using the Audio/Video in terminals.

Example use of front terminals



Example use of rear terminals



NOTE

- Turn off the power on the TV set and the VCR being connected before making the above connections. Be sure the cord plugs are fully inserted in the connection terminals.
- For playback of monaural audio, connect the external source to the audio input left terminal on the front or rear of the TV set (MONO) to hear the same sound from both speakers.
- The audiovisual cords required to connect the TV set with video equipment may differ from those shown in the above diagram. See the operation manual of your video equipment for connection details.
- The above recording and editing connections are for intended solely for personal use and not for the illegal copying of audiovisual material protected by copyright laws.

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Troubleshooting

The following problems do not always indicate a hardware failure. Therefore, please use the troubleshooting guide below before calling for repair service.

If, after following the guide none of the remedies work, unplug the TV set and call for service.

Quick Service Check List / Problems	Possible Causes/Remedies: Try a new channel to check for possible station trouble.	TV not plugged in. Outlet power OFF.	**Main POWER** switch of TV not ON.	Antenna not connected to terminal at the back of the TV set.	If outside antenna is used, check for broken wires.	Check for local interference.	Turn OFF using the **Main POWER** switch, then turn ON again after a minute.	Adjust COLOUR control.	Check batteries in the remote control.	Try fine tuning to correct.	Check if the Brightness or Contrast setting in the picture setting mode might be all the way to the minus side	Increase the volume.
Remote control does not work.		●	●				●		●			
Bars on screen					●	●						
Picture distorted.	●				●					●		
Picture rolls vertically.	●				●	●						
No colour	●			●	●			●		●		
Poor reception on some channels	●			●	●	●						
Picture weak.	●			●	●			●		●		
Picture lines or streaks	●				●	●						
Picture ghosting	●			●	●	●						
Picture blurred.	●				●					●		
Sound OK, picture poor.	●			●	●	●		●		●	●	
Picture OK, sound poor.	●					●						●
No picture or sound	●	●	●	●	●		●				●	●

This unit is equipped with a microprocessor. Its performance could be adversely affected by external electrical noise or interference. If this should happen, unplug the unit and plug it in again after a few minutes.

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General Specifications for Television Receiver

Item : IC Solid State Colour TV Receiver

Models: SX66NF8, SX76NF8

Receiving Broadcast Standard	CCIR TV Standard system PAL- B/G	
Receiving Channel	VHF : AU0 - AU12, NZ1 - NZ11 UHF : E 21 - E 69 Ch CATV: S 1 - S 20 Ch, S 21 - S 41 Ch (Hyperband)	
Receiving System Sound: Colour System: Field Frequency:	FM MONO A2 STEREO DIGITAL STEREO NICAM PAL (NTSC by AV inputs) 50 Hz (50/60 Hz by AV inputs)	
Power Source	220V-240V AC 50Hz	
	SX66NF8	SX76NF8
Power Consumption at 240V AC 50Hz	140 W max.	140 W max.
Power Consumption at (Stand-by)	3 W max.	3 W max.
Audio Output:Internal speaker: Left/Right:(RMS) Sub Woofer (RMS)	5 + 5 W —	5 + 5 W 10 W
Dimensions (Approx.) width: height: depth:	786.0 m/m. 520.0 m/m. 490.0 m/m.	880.0 m/m. 566.0 m/m. 545.0 m/m.
Viewing Area (diagonal measurement)	66 cm (28")	76 cm (32")
Weight (Approx.)	41 Kg	54 Kg
Speaker	6x12 cm 2 pcs.	5x11 cm 2 pcs. Sub Woofer Box 1 pc.
Antenna Input Impedance	VHF/UHF 75 ohm Unbalanced	
Accessories & etc. a) User Instruction b) Remote Control c) Battery	 Yes Yes 2 pcs.	
Other Features list ● Comb Filter ● 100 Channel Programming System ● Cable and Hyperband ● Teletext ● OSD System (On Screen Display) ● WHITE TEMP Control ● TINT Control ● ECO mode ● Wide Mode Function ● A2 STEREO	 ● Digital Stereo NICAM ● ON-OFF Timer ● Child Lock System ● Audio/Video Input Terminal x 3 (Front x 1, REAR x 2) ● NTSC Playback AV Input ● S-Video Input Terminal x 1 (Front) ● Blue Back Noise Mute Function ● Headphone Terminal ● Audio/Video Output terminal x 1 (Rear) ● Component input terminal x 1 (Rear)	

NOTE

- Design and specifications are subject to change without notice.
- Receiving system: These receiving systems, encompassing all currently available technology, include those with planned broadcast, videotape and laserdisc hardware and software.
- Reception channels: Some examples of the main receivable channels are shown above.

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MEMO

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WARRANTY

Consumer Electronic Products

Congratulations on Your Purchase!

This Sharp product is warranted against faults in materials and manufacture for a period of twelve (12)* months from the date of original purchase.

If service is required during the warranty period, please contact your nearest Sharp Approved Service Centre. These repairs would be carried out at no charge to the owner, subject to the conditions specified herein.

The owner is responsible for any transportation and insurance costs if the product has to be returned for repair.

This warranty does not extend to accessories or defects or injuries caused by or resulting from causes not attributable to faulty parts or the manufacture of the product, including but not limited to, defect or injury caused by or resulting from misuse, abuse, neglect, accidental damage, improper voltage, liquid spillage, vermin infestation, software, or any alterations made to the product which are not authorised by Sharp.

Please retain your sales documentation, as this should be produced to validate a warranty claim.

This warranty is in addition to and in no way limits, varies or excludes any express and implied rights and remedies under any relevant legislation in the country of sale.

IMPORTANT
DO NOT RETURN THIS PAGE TO SHARP

For your reference, please enter the particulars of your purchase below and retain, with your purchase documentation.

Model No. _____

Serial No. _____

Date of Purchase _____

Retailer _____

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www.sharp.net.au
OR CALL SHARP
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A.B.N. 40 003 039 405
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